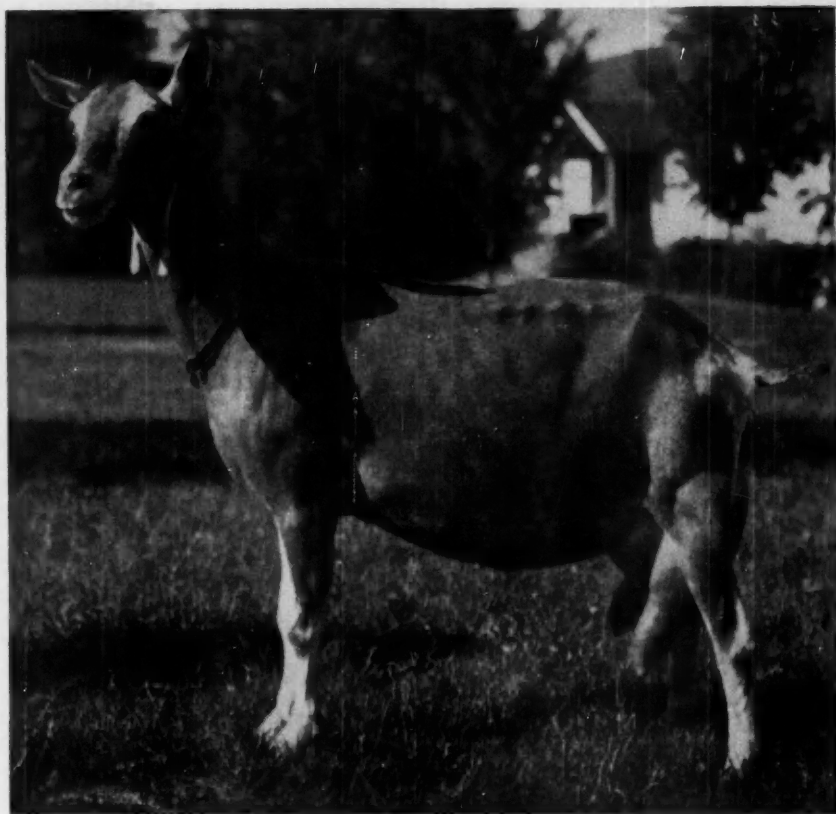


Dairy Goat *Journal*

MORE THAN A MAGAZINE—
It's an institution, a service



—Photo courtesy Leon Smith.

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BLEATING



By CORL A. LEACH

SICK GOATS

Have you often wished you had a reliable sort of book on hand that dealt with the stomach aches and diseases of goats? Valuable as are general books on livestock health there has been nothing devoted exclusively to goats.



Since 1912 my father has been handling goats, accumulating data on their care and troubles. Finally, he has put this all into usable shape for the average goatman, in non-technical language, and with the assistance and advice of two outstanding veterinarians, both experienced in working with goats.

The result of all this is a book to be published this fall, entitled *Dairy Goat Husbandry and Disease Control*, announced on page 22 of this issue of *Dairy Goat Journal*.

I believe you'll like it. I believe it will be a true "must" book in the library of every goat owner.

MARKETING GOAT MILK

For a third century we have been visiting goat dairies, corresponding with goat dairymen—and making a lot of observations about them. We have studied dairying with cattle, and we have compared the methods of the cattlemen and the goatmen. A lot of ideas on how to market goat milk have come to us in that time—sound, proved ideas. In addition, we have some theories of our own.

Now we're toying with the idea of putting all this hodge-podge of goat milk selling ideas down on paper and offering it in book form. So far it's but an idea, but if there is an apparent need and use for such a book we'll go through the agony and see if within the next few months it can be developed.

The question is this: Would you be interested? Would you perhaps find this helpful? We don't want any orders yet for an unwritten book—but we would appreciate

your comments so that we can see if there is sufficient interest to justify the not inconsiderable cost of publishing a book today.

AFRAID OF WHAT?

President Roosevelt gave great emphasis to Freedom from Fear—yet history's pages show few more frightened nations than today's America under Truman! A Red under every bed . . . and everywhere else, is the American bugaboo. But why?

Fifty years ago the idea that America would get the jitters over Communism was beyond imagination. Today it is reality. Why?

Not so many years ago the peoples of Europe, down-trodden by taxation, by military conscription, and by oppressive government chose the American way and flocked to our shores. Today we find the peoples of these same countries giving us a big fright as at the polls they too often turn to Communism, and we send them billions of dollars to buy their loyalty to democracy. What has our American way lost in these years?

Can it be that America itself has been assuming too many of the appurtenances of the totalitarian state, with skyrocketing taxation, dominance of the military in life and government, arms races and conscription, the submergence of incentive for the individual to grow and develop and become instead but another pawn of "big government"? Has there become too little difference between the American way and the Fascist-Nazi-Communist sort of totalitarianism?

May the answer be to take a positive stand for democracy, without compromising ourselves with these soul-killing children of statism? If each American will write his representatives in Washington (and voting at elections, too) he can do much toward stemming this wave of fear by turning America to the true paths of a Christian democracy. Then will the world see there is a true, a God-like difference between these political systems; then will the

world again turn wholeheartedly to an unafraid peoples in a true, unpolluted democracy.

LITTLE MEN

Do you know a man because of his works or his publicity? While we are firm believers in advertising in its proper place, we believe that any publicity must be backed by performance.

Hence, when we see officers of associations using general funds to perpetuate their names in office we can't help but immediately question the ability and integrity—not to mention the good faith—of the officers. We have a hunch that when election time comes the thinking member will try to see that replacements in the officers are elected who will not use the organization for shoddy self-aggrandizement.

REAL GOAT MILK ADVERTISING

"At last, some goat milk advertising that takes the goat out of the alley," is the way one dairyman termed it after he accepted the invitation published last month to send for a sample of the new goat dairyman's own house organ. It is a whole year's marketing program, brilliantly printed in several colors, cleverly and entertainingly prepared to do a thorough job of selling milk.

By preparing and printing this for many dairies each month, inserting your name and advertisement for those you use, great savings are made—in fact, if you had this prepared individually for you the price would probably cause gasps and shock. But if you are seriously interested in building a goat dairy

Dairy Goat Journal

The Business Paper of the
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business, this group printing idea will delight you both as to its efficiency and its economy.

A sample, along with other information, will be sent on request.

GOAT MACHINERY

What kind of a machine is a goat, anyhow? Do you want to know how all its muscles fit to make the rugged, active animal we know? Do you wonder a bit just how all the joints and bones join in the jig-saw puzzle we call the goat? Then you'll be interested in a new edition of *An Atlas of Animal Anatomy for Artists*—formerly available only in German. Other animals beside the goat are illustrated, but the goat plates alone are invaluable to the serious student of the goat. The book, published by Dover Publications, New York, is \$6.

KNOW WHAT YOU'RE DOING

Recently several enthusiastic and successful goat dairymen have bewailed their lack of training adaptable to the dairy goat business. If you are in this category may we suggest you investigate the correspondence courses which are probably offered by your own State College of Agriculture.

Turning to the catalog of the Missouri College we find a course in agricultural marketing, general farm management, farm building, field crops, advertising procedure, and so on. While these courses may not mention dairy goats, they may be 99 44/100% applicable to your particular situation. They are acceptable for full college credit, the cost is small—and the reward from a little diligent study is great.

If your State College does not offer what you want, may we suggest the above courses, as samples, from the Adult Education and Extension Service, University of Missouri, Columbia, Mo. Write them for information.

CULTIVATE YOUR GARDEN

Dr. Ralph Borsodi wrote the following letter in *The Interpreter*. It is so crammed with good sense that we are devoting more than usual space to it, with the suggestion that you will raise dairy goats more enthusiastically than ever before, and go and tell your neighbor to "go and do likewise."

At the moment this is being written, I have just laid aside the Sunday papers. The headlines in the newspapers and magazines I have

been reading are depressing. The cold war with Russia is being featured. There is news of Chinese Communist success in negotiating with the Soviets in Moscow—one headline says: "Russia Training Chinese Forces." An advertisement in one of the weekly news magazines is headed, "A Socialist U.S.A.?" The tide of red revolution, we are told, is moving toward French Indo-China. Before the shock of the Alger Hiss conviction for perjury and betrayal of America to the Russians has worn off, the news of the arrest and confession of one of Britain's foremost atomic scientists, Dr. Emil J. K. Fuchs, for spying for Russia fills the papers. And to cap the climax, more news about American progress in building the H-bomb, supposedly a thousand times as powerful as the atomic bomb. The greatest armament race of all time is on!

Yet I had a heart-warming dinner yesterday on the Di Gesu homestead with Mario and Ida Di Gesu. I saw the home which they had built, the latest improvements they were making in it, their new lawn and flower garden, the kitchen garden, the poultry yard, the rabbits, the dairy goats, the compost heaps. I admired the new baby, and watched their seven-year old daughter return from school.

And so I have been asking myself, as I think of the depressing news in the papers, what are the homesteaders all over the nation—busy building their homes, gardening and taking care of their livestock, mainly preoccupied with their own affairs—what are they doing to solve the great national and international problems which threaten war, depression, revolution? Are they selfishly doing nothing for the rest of mankind and only improving the lot of their own families? Are they engaged in merely escaping as well as they can from the social problems which are undermining the foundations of civilization and threatening the liberties which America's founders bequeathed to us?

If I thought the movement for decentralization which I have been encouraging ever since I became convinced that normal living was impossible in the teeming metropolitan centers of which the nation is so proud; if I thought that flight from the city and life in the country and small communities of the nation represented no contribution to the solution of the problems of mankind, I would feel ashamed of myself and the work which I have been doing. But the truth about the matter is that there is actually nothing which most of us can do to prevent the catastrophes toward which the world is heading more important than doing what Voltaire's *Candide* said everybody ought to be doing, "cultivating your own garden."

The notion that you and I can do anything very effective about preventing World War III, or stopping the Russian revolutionary movement, or avoiding the development of some kind of American Fascism, by trying to influence the politicians and bureaucrats in Washington, is utterly untrue. Politics is a game played by politicians, it is a game which bamboozles people into thinking that they are making the decisions which have in reality been made long before for them by powerful interests which pull

the strings from behind a curtain. And the great decision about World War III will be made not in Washington, where we are supposed to exert some influence, but in Moscow by a handful of men in the Kremlin who will decide when to take the next step in world revolution, and over whom we do not exert the slightest influence.

Many of the homesteading families I know all over the country are, of course, concerned about these problems; they study and read about them probably more than does the average city family; they are the kind of people who, in addition to taking care of their own affairs, are also active in their own communities, and sometimes in national movements, trying to solve the problems of the nation. But what they are doing in their own homes, and what thousands of other homesteading families are doing who have entirely turned their backs on futile political activities, is actually a greater contribution to the solution of world problems than can be made in any other way.

Every family and every community which makes itself more self-sufficient and independent of big government and big business is reducing the magnitude of the social and economic problem and reducing the pressure for government relief, government social security, government pensions and subsidies, government expansion into socialism.

So I shall keep on saying, "cultivate your own garden." Make your family as independent and self-sufficient as possible. Put most of your savings into equipping your homestead with all the latest conveniences and labor-saving appliances. Make your home as beautiful as possible—inside and outside. Master at least one additional new art and craft as you go along from day to day. And use all the spare time you have to study, to play, and to work like a normal human being.

That, of course, should not prevent the members of any well organized family from devoting a reasonable amount of time to the problems of the community in which they have made their home. Next to the family, the local community is the most important social institution mankind has invented. We have been so mis-educated that we think big cities, big industry, and big government are more important. It is necessary to reeducate ourselves about what comes first and what comes last. We must rediscover that just as each successful homestead demonstrates the folly of tearing down civilization in order to provide for the masses of urban proletarians, so every successful local community—every community whose people equip it with all the institutions for a rich, cultured local life—contributes to reducing the social problems created by giant cities, by over-centralized industries, and by gargantuan government.

First normalize your own family. Then join with other families in a school of living to normalize your own community. Finally—when enough families and communities have begun to learn how to normalize themselves—not only the whole nation but the whole world will begin to achieve normalcy.

What Makes a Good Toggenburg

● By MEARLE RHINESMITH, Wanaque, N. J.



Crystal Dena of Yokelawn AR 1412, Toggenburg doe bred and tested by Mearle Rhinesmith, Wanaque, N. J. She produced 1980.6 lbs. milk in 365 days, starting her test at 1 year, 7 months of age.

NOT LONG after we bought our first

Toggenburg for a milk producer, we found ourselves getting more and more interested in the breeding end of goatkeeping. A lot of thought went into the purchasing of our first purebred Toggenburgs, and while we have produced some wonderful animals, we have never been satisfied with our work. Each generation has given us new hope to produce something better. As time went on we added new goals to be accomplished, realizing that in order to succeed as breeders we must produce goats whose offspring must prove themselves profitable in a dairy herd as well as in the show ring.

In running a goat dairy there is plenty of work without having goats that are difficult to handle, and hard to keep clean and attractive. There is definitely an economic reason for gentleness in a herd of goats, and likewise short-haired goats are easier to keep clean and look more attractive when visitors call. A uniform herd certainly gives a dairy a business-like appearance. In these points the Toggenburg certainly ranks among the best.

It wasn't long before we realized that to be successful a goat dairyman must be able to supply his customers the year around with milk. In order to have a supply of milk the year around we found that one of the points that we must include in our breeding program was to

produce goats that could milk well during the fall and winter in order to supply our customers throughout the year. Many goats start out with high production shortly after freshening and in a few months are not milking enough to be profitable. This type of goat we would not tolerate. We preferred a goat that milked less at the beginning of her lactation but one that could keep up a profitable production for a long lactation. A goat that produces a lot of milk in the springtime when there is a surplus of milk, which surplus must be disposed of, often with little or no profit, certainly is not a profitable producer. One can easily see that a 4-qt. milker, with a long lactation, can be more profitable than a 6-qt. milker, with a short lactation, whose milk is produced at an unprofitable time of the year. Still the ten-month production of these two does could be the same, while one is profitable and the other is not.

Some goatkeepers are successful in off-season breeding of their goats in order to supply milk in the winter, but as a whole this off-season breeding hasn't been too practical. Many who have tried it have found that while their does came in season, and were served by a buck, but

a very small percentage actually produced kids. Realizing that to produce a strain of goats that could be relied upon to freshen at any time of the year was a rather big job and would not be realized for some time, we set out some years back to produce a strain of Toggenburgs that would give a large percentage of their milk during the last half of a ten month lactation. Our ambition at the time was to produce goats that would milk forty or more percent of their milk during the last half of the ten month lactation. This we have well exceeded, our highest percentage to date has been 50 percent. One of our does that produced 47% during the last five months, did not reach her high day's production until eight months after freshening.

Whether one is operating a poultry farm or a goat dairy, it is necessary to have a high average of production in order to succeed. A few hens that lay 300 eggs per year, the balance laying but 100 eggs does not make a successful poultry business. Likewise a goat dairy with one or two high producers, and the rest low producers does not make a profitable goat business. In our breeding work we have insisted on high average production, realizing

TOGGENBURGS

WHEN THE AVERAGE person thinks of a dairy goat he thinks of a Toggenburg, the first pure breed imported into America, and the most numerous today. The reputation of all dairy goats in this country rests largely upon the fine records made by the Toggenburgs.

Toggenburgs are rugged, and are ideal foragers where range is abundant; they are unequalled in turning browse into milk.

Because of their numerical strength in this country it is usually easier for a beginner to buy good Toggenburgs than any other breed. It must be kept in mind, however, that quality is a matter of the individual rather than of breed, and just the name Toggenburg does not assure a good individual animal, for there are scrub Toggenburgs as well as good ones. Study the individual as well as the breed.

The Toggenburg is a true utility breed, producing a medium quantity of butterfat, a satisfactory quantity of milk and usually over a long lactation period.

The characteristics of the breed are quickly impressed upon grade herds, both with the distinctive color and markings and productive qualities. As a result there are thousands of good grades available in America possessing many of the qualities of the purebred Toggenburgs.

The first importations of Toggenburgs were made in 1904 and 1905, and again in 1921 and 1922. These importations included many of the best individuals from Switzerland, the native home of the breed, and this blood has been widely disseminated to every section of America.

that this is the only way a goat dairy can succeed. In this connection we have for a long time averaged well over a ton of milk per goat in our herd, for a ten month lactation. This amount of milk may sound small to a beginner who reads of individual goats giving up to 4000 lbs. of milk a year, but these animals are few and far between.

Goat breeding is not simple by any means. Like all animal breeding it requires a lot of patience, and a lot of time, before much real improvement can be expected. To the uninitiated it all seems so simple—get a buck from a high producing doe and mate him to high producing females! And presto we have a fine herd of high producers. But, alas, it doesn't work that way. I have seen many herds start out with carefully selected animals, purchased from here and there, only to learn that a few years later the herd had degenerated to very mediocre animals. Mating the best to the best doesn't guarantee the best.

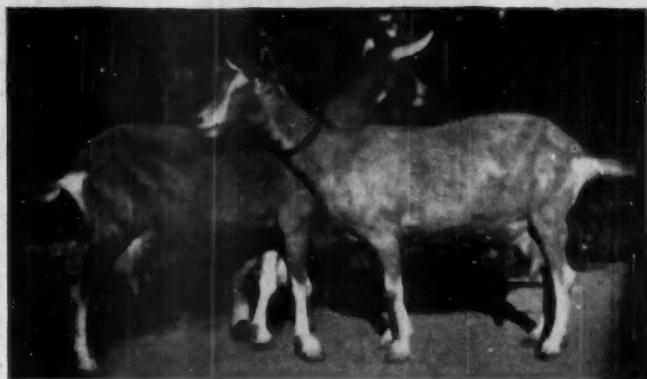
Some years ago we had a visit from a goat breeder who boasted that in a short time he would have a herd of goats where each individual in the herd would not milk less than 3000 lbs. of milk a year. He certainly tried hard to accomplish this thing but to date no information is available that he ever came even close to this boast.

There is an answer, surely, to the breeding for improvement in any kind of livestock, but there is no short cut. It requires much testing, and selecting in order to develop animals that will reproduce themselves. All goats do not have this ability, in fact the percentage where high producers are able to reproduce themselves is small. The longer a breeder practices selection along this line, the more he is apt to produce profitable producers at will. As someone has aptly put it, "We don't need better goats, but what we do need is more of the good kind, and able to reproduce them at will."

Don Garman Killed

Don Garman of Laurelwood Acres, Chatsworth, Calif., was killed in an automobile accident on May 8. This was just seven months after the Garman's daughter, Barbara, was killed in a truck crash as she was accompanying their goats home from a fair. Mr. Garman was an officer of several of the California dairy goat groups and active civically.

Mrs. Garman plans to continue with the operation of the dairy.



Crystal Sharyn of Yokelawn AR 1227, production 1560.8 lbs. milk, starting test at 13 months of age, and Crystal Vivian of Yokelawn AR 1226 and 1556, production 2274.1 lbs. milk, starting test at 2 years and 2 months of age. Bred and tested by Mearle Rhinesmith, Wanaque, N. J.

The Toggenburg in England

• By H. E. JEFFREY, British Goat Society

Mr. Jeffrey, secretary of the British Goat Society, wrote of the Toggenburg in Britain, in the British Goat Society's Yearbook. While the information applies to the British situation, yet it provides good background knowledge for American breeders. A resume of this article is here presented.

THE TOGGENBURG was the second breed to come to the fore in England, but in turn it gave way to crossbred goats of Swiss type. Its native home was the Swiss Canton St. Gallen, and, more particularly, the Toggenburg valley from which it takes its name.

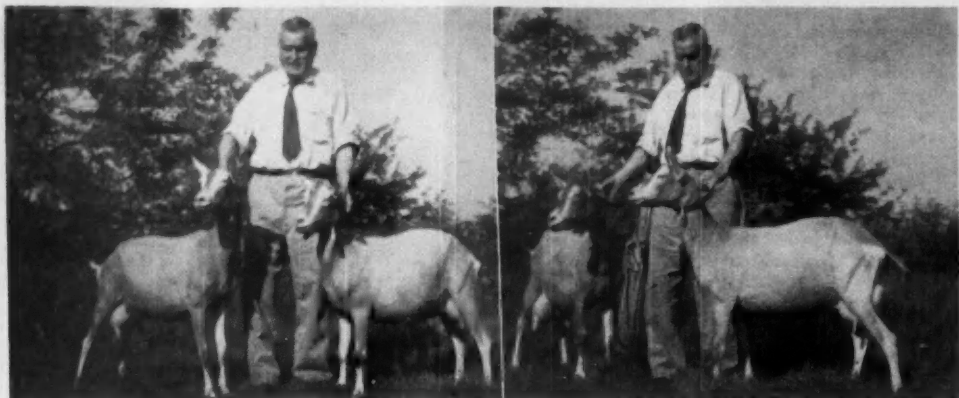
Over a period of many years the characteristics of the native Toggenburg have become firmly established and perhaps the first of these, by which it is readily distinguished, is its peculiar color, a light fawn or drab, with white stripes at either side of the face, around the ears, rump and tail, and white legs from the knees and hocks downwards. The hair is of medium length—longer on the back and flanks, where it may measure 6 to 8 in., than elsewhere; the male carries more hair than the female. The latter has a typical feminine head, with a pronounced dish or concave nose and a prominent muzzle.

The Toggenburg is not a large breed, the average weight for females being in the neighborhood of 112 lbs. and for males 140 lbs. It is

light in bone and seldom carries any surplus flesh, its appearance in this respect resembling the Jersey and Guernsey breeds of cattle. It is essentially active in appearance, usually a straight back, well sprung ribs, and widely separated hocks, but no great depth of body. The udder is of excellent shape but not large, an average yield being from 1200 lbs. to 1500 lbs. per annum, and the highest yield recorded in Switzerland in a recent year was 3152 lbs. Other characteristics, such as the almost universal absence of horns (without recourse to disbudding), the presence of tassels on the neck, and a constant shade of color are said to be maintained by ruthlessly destroying at birth all kids which do not conform to this standard.

The Toggenburg was introduced into England in 1884 by Paul Thomas, who imported six or seven from Paris. Success with these animals induced Bryan Hook to import six females in 1894, and other importations were made in 1895, 1896, 1897, and later. It was not until 1905 that the British Goat Society undertook to open a separate section of the Herd Book for Toggenburgs, and the Toggenburg thereby became the first breed to be officially recognized and provided for in this way. Ninety-six animals were transferred to the Toggenburg section at that time.

By 1908 the popularity of the



L. W. Meyler, Conneaut, O., and four of his Toggenburg does, (left to right) Meyler's Buckeye Mistie, Meyler's Buckeye Lady II, both 2 years old, and Meyler's Buckeye Lady and Meyler's Buckeye Jean, both 3 years old.

Toggenburg in England was on the wane. At shows it had to compete with other Swiss and crossbred goats and no longer could it compete successfully with the size and higher milk yield of these animals. In addition the lack of fresh blood was hindering the progress of the breed, until in 1922 permission was received to make a further importation from the continent, and eight males and nine females were imported.

Today's Toggenburg in Britain is not identical with the Toggenburg in Switzerland. The breed has never been sufficiently numerous for owners to be able to entirely discard horned stock, and although no horned males can be registered, about 50% of the females are horned or disbudded. Some specimens are darker in color than the desired shade. The length of the coat varies considerably: in some strains the longer coat has been bred out, while in others the hair along the spine and on the flanks remains medium to long. Like most other breeds in England it has been increased in size; average weight for good specimens being 140 lbs. for females and 180 lbs. for males, nevertheless the Toggenburg is the smallest of the purebreds. The good bodily formation of the breed is fully maintained, more depth has been secured, and no other breed can claim such straight backs or freedom from cow hocks.

As a milker the Toggenburg has failed, perhaps, to respond to development to the same extent as the other breeds and that is one of the reasons it has failed to hold its place in public opinion. Many Toggenburgs have been and are capable of

yielding a gallon and over, but this has not increased to 15 lbs. and over as in several of the breeds. I have noted the highest annual recorded yield, and I believe the maximum 24 hour yield at a show is 13 lbs. 7 oz. In assuming the value of these yields the small size of the animal should not be forgotten; its weight is often 20% to 30% less than that of the larger breeds. The quality of the milk of the Toggenburg is lower than that of any of other breeds, Knowles and Watkin finding an average of 3.80% butterfat from 210 samples; and it will have been noted that few Toggenburgs have succeeded in qualifying for the Q*, for which an average of 4% at two milkings is required.

The Toggenburg urgently wants more supporters. It has fallen in numbers to about 150, and in the past three years the numbers registered have been only 26, 24 and 14 respectively. Although we have our British Toggenburg, which is quite distinct in pedigree if not always in appearance, it would be a great pity if the purebred, directly descended from imported stock, was allowed to disappear, for, amongst other reasons, I hold the opinion, frequently expressed, that the Toggenburg is the breed most suited for crossing with the scrub goat to produce an "improved" goat for the cottager or small-holder—a hardy and shapely goat, of medium size, that will milk considerably better than its dam.

Finally, I would mention the long and trouble-free life that the Toggenburg seems to live. I could mention many instances of this, but to quote only two there was Ballwaller Sarah,

who had 20 progeny registered in the Herd Book and who was successful in the show ring when 11 years old, and there is Broxbourne Senset, now 15 years old, who is still breeding and milking well.

RECORDS OVER THE YEARS SHOW TOGGENBURGS AT TOP

By Z. R. Milton,
Versailles, Ky.

Look at the records, boys, look at the records! We are perfectly willing to stand our breed up alongside any breed on that basis. We do not want to antagonize anyone breeding any other breed; we need more of all of them. But we know that Toggenburg records need no apology.

Look at breed records and herd records. Look at them for any one year or, better, look at them over all the years, and you will see that in milk records and butterfat records Toggenburgs show a dependability that is unmatched.

Yes, there are individuals of all breeds that are outstanding, but the Toggenburg average is proof that there is a better chance of successful high production with them.

We like the uniform udders, and we like the uniform colors and markings of the breed. That makes the breed no better, but it helps it to capture our fancy so that we would not want to swap for any other breed.

Successful production requires healthy animals. They must be bred for efficiency, fed adequately of well-balanced rations, and handled with understanding and skill.

Toggenburgs Prove Top Profit Makers

● By MRS. LUCILLE C. NORTH, West Bridgewater, Mass.

A PROFIT of \$36.20 cash in two months, resulting in all the milk and dairy products our family of seven can use, has proved to us that Toggenburgs are ideal for the backyard family dairy. More and more families are finding it hard to beat the wolf from the door, and many women like myself want to add to the family income but because of small children do not wish to work outside the home. A small herd of Toggenburgs, a flock of hens, a little garden will easily add \$500 a year to the family pocketbook.

Even if the world seems to have gone mad on the matter of spending more than it receives and letting the other fellow support us, there are many of us (and we are not the old-timers, either!) who believe in standing on our own two feet. That is where I believe Toggenburgs are one of the answers.

In the past ten years I have tried four breeds, and by records have proved the Toggenburg the most practical for economical milk production, and ideal for the beginner in goatkeeping. My Toggenburgs are quiet, calm and easily handled by women and small children. They do not seem to be disturbed by changes in people, housing or management. They are sleek and short-haired, and have a round, well-at-

tached udder up out of the way of dirt and briars. Under these conditions I have does that have milked up to 12 lbs. in 24 hours, and without forcing of any kind. For us here in New England where the weather is changeable and where we have to buy grains shipped in from the west, these factors are all important.

People want to be shown in dollars and cents what we mean by practical and economical. I have not had to call a veterinarian for over three years for my herd that averages about 12, ranging from wee kids to a mature buck. This proves the ruggedness of the Toggenburg.

Through my records I can show that my animals fed only a 14% to 16% ration and ordinary mixed hay (no alfalfa), can produce over 1800 lbs. of milk in 10 months, and go on up to 30 months of milking without freshening. The kids are just as likely to be born in a blizzard as on a hot July day, and are all healthy, sturdy, fast-growing animals.

Ours is but a family herd, supplying our family of three adults and four growing daughters with all our milk for cooking and table, plus butter and cheese. A little milk is sold at the door. Skim milk goes to the cats, laying hens, and some-



Yggdrasil LaHoya's Onyx, herd sire for Miss Isabel Hoopes' Hickoryside Toggenburg herd, Rowley, Mass., gets his exercise with an old tire.

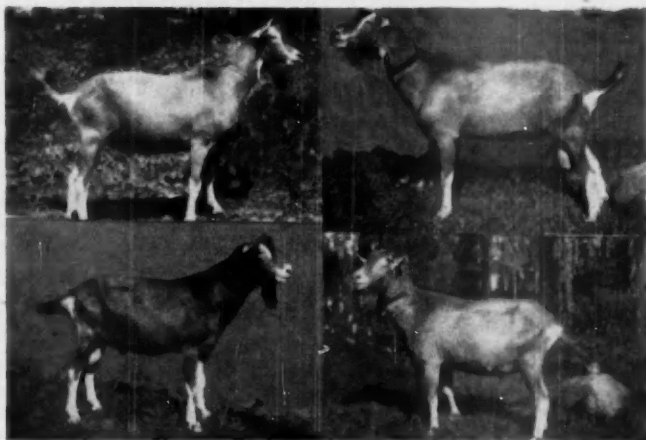
times we fatten a pig (50 qts. of skim milk will fatten a pig better than a bushel of corn, and a lot cheaper).

I keep a simple record book of cash payments and receipts, and at the end of each year I take an inventory to see if I am gaining or slipping in my goat enterprise. I have one column for payments and one column for receipts, and tally them at the bottom each month. Everything I buy pertaining to the goats or the care of the milk and its by-products that I wouldn't ordinarily buy if I didn't have goats is charged against the herd. Likewise, everything I take in is credited to them. I put down the cost of caps, filters, salt, hay, grain, nails, lumber, chains, fencing, pails, registration fees, and anything else of the kind.

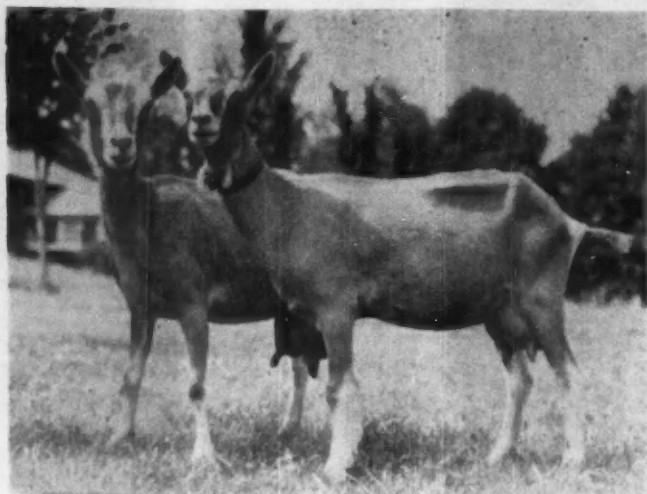
We use more than 40 qts. of milk a week that I credit the goats, but that is all I would buy from the milkman were I doing that, as I couldn't afford more. I should judge that we use 10 or 12 qts. a day just for cooking and table use in the summer, so truthfully the goats make more of a profit than my books show. And I have never milked more than six goats, the rest of the herd being growing kids and a buck.

Here is a page taken right out of my record book:

		Paid	Rec'd
April			
2	40 qts. milk	\$	\$ 8.80
8	100 lbs. grain	4.40	
9	40 qts. milk		8.80
12	100 lbs. grain	4.55	



Crystal Morton of Yokelawn, Yokelawn Crystal Honon's Brutus, Crystal Lionell of Yokelawn AR 93 (qualified for his AR certificate when only 3 years and 8 months of age), and Crystal Dale of Yokelawn, purebred Toggenburg bucks bred by Mearle Rhinesmith, Wanaque, N. J. None of these bucks has been clipped.



La Rosa Diana and La Rosa Amy, Toggenburg does bred by Mrs. Sylvester Morris, Curryville, Mo.—Photo by Leon Smith.

15	3 kids for meat	15.00
16	40 qts. milk	8.80
16	100 lbs. grain	4.45
21	100 lbs. grain	4.55
23	40 qts. milk	8.80
26	100 lbs. grain	4.45
30	40 qts. milk	8.80

\$22.50 \$55.00

Gain for the month, \$32.50

7	100 lbs. grain	4.45
7	40 qts. milk	8.80
12	100 lbs. grain	4.35
14	40 qts. milk	8.80
17	200 lbs. grain	8.60
17	Sold doe kid	20.00
21	40 qts. milk	8.80
28	40 qts. milk	8.80
30	100 lbs. grain	4.20

\$21.50 \$87.70

Gain for the month, \$66.20

Hay purchased in March, used during these months, \$30.

Net gain for these two months, \$36.20.

All the extra milk free, plus a growing young herd in two months! Other months show a varying profit, some as high as \$85, occasionally a month will but about break even. My books show a profit balance of \$410.06 for 1949 on our small herd—and that doesn't include all the wonderful manure that we put on our garden.

Mid pleasures and palaces though we may roam, be it ever so humble, there's no place like home.

SWISS TOGGENBURGS DESCRIBED BY VISITOR

By Dr. J. B. Oesch

TOGGENBURGS were first bred in the Obertoggenburg in the Canton of St. Gall. From there it extended into other Cantons and into Germany, Austria, France, Russia, and so on, and to America, Africa and Asia.

The Toggenburg is medium-sized and somewhat compactly built. The mouth is large, the eyes bright and the look friendly. Ideally the animal is hornless.

The next is of medium length and powerful. The chest is long and rather well-arched, but it is not as a rule very deep. The back, in the case of well-built animals, is straight, long, with broad haunches and broad and moderately sloped hind-quarters. The legs are moderately high, but strong and well-set. The udder is, as a rule, fine with two uniform halves, medium-large to large, and with uniform and not excessively large teats. The skin is generally thin, but there are naturally reasonable differences between stall goats and herd of Alp goats. Two "tassels" at the neck are characteristic.

The color is the most striking feature of the breed. It is fawn-grey with white markings, and two white stripes, one to two inches broad, pass from the ears over the eyes toward the corner of the mouth. White also are the feet and the edge of the ears and of the tail. Large or small white

spots on the belly are not tolerated. The general color of the hair varies somewhat greatly, but the rather darker shade is preferred to the lighter, because the color remains more constant.

The hair shows some differences. The Toggenburg was formerly almost long-haired, but it may now be described as medium-long to short-haired (with a light covering over the cavity and thigh). For stabling the preference is always given to short-haired animals, because they are easier to look after. Both buck and doe should have a beard.

The height at the withers varies between 28 and 32 in. The does weigh 100 to 110 lbs., and the bucks 130 to 150 lbs.

The fertility of the Toggenburg is great. It is the normal occurrence for two kids to be born every year. On occasion also there are triplets and quadruplets, and only on rare occasions a single kid.

In milk production the Toggenburg is well able to compete with any other breed. In saying so, it is not to be assumed that it possibly excels the best of the Saanen breed, but merely that both breeds have to be put on the same mark. The yield of milk amounts on the average to 1650 lbs. per annum.

CHILDREN AND DOGS TURN TO GOAT MILK

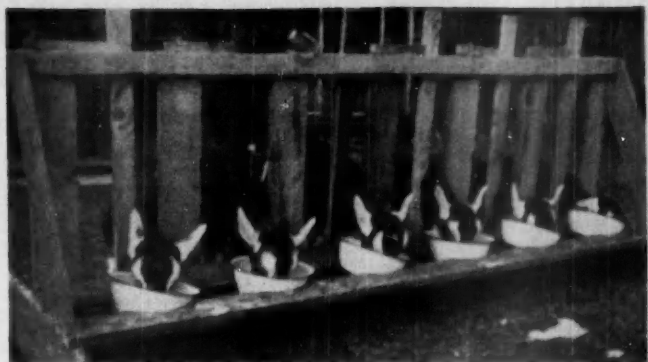
By Miss Frances Steyer, Deer Park, Md.

JANIE, 2-year-old daughter of nearly goat owners, recently went visiting. The kind hostess offered her a glass of milk—cow's milk. After taking a taste Janie said, "I want some milk. I don't like this."

Or consider Nimrod, who has never heard of public prejudice regarding goat milk—he is our family dog. A dish of cow's cream and a dish of goat milk can be placed before him. He will sniff at the bovine product, but will eagerly lap up the goat milk.

Nimrod earns his goat milk, too. When the kids arrive he is as pleased with them as we are, although he is not as big as a newborn kid himself. We panfeed our kids, and Nimrod appoints himself official face washer for the kids and they soon learn to like Nimrod as well as he likes the kids.

Plenty of clean, cool water for your goats is a must in the summer.



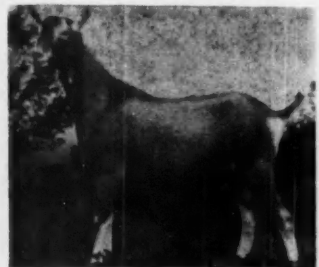
Toggenburg kids owned by Richard L. Williams, Andover, Mass., in their milk-feeding stanchions. Because of their uniformity such kids should be tattooed for identification even before reaching this age.

Cattleman Turns to Toggenburgs

By HARVEY CONSIDINE, Janesville, Wis.

FOR MANY years I have worked in the dairy cattle business; at present as herdsman on a large purebred Holstein farm . . . but at our own home it's Toggenburgs for us. Joann and I met while in high school, we grew to know each other better while in college, and after our marriage we turned to farming. We rediscovered dairy goats in 1946, and that year decided it must be Toggenburgs.

I have handled untold numbers of fine dairy cattle, but I can truthfully say that I have never seen an animal that can produce milk as efficiently as our registered Toggenburgs. Not only that—but the quality and the safety of the milk! Our four sons and their excellent state of health helps to show more people why we keep goats than all the lecturing we can do.



Sunshine Fink's Diamond Prince, one of the Toggenburg herd sires owned by Harvey Considerine, Janesville, Wis. This buck is a son of the imported sire, Fink D. A.

Our herd is progressing and is on official HIR test. Two does so far completed their 10-month records. Cloverleaf Donna, 11 years of age, produced 2230 lbs. milk and 65 lbs. butterfat, and Dutch Diamond Riwana, 2 years old, produced 2236 lbs. milk and 65 lbs. butterfat. Donna's daughter, Diamond Pocahontas, freshening at 14 months of age, has produced almost a ton of milk in her first 8 months, producing 8.6 lbs. milk on her last test day.

Our feeding program is simple and economical. It is based on good good hay or fresh cut green feed. We give them soaked dried beet pulp for succulence in winter, and for grain they get whole oats, commercial ration, and in cold weather a little ground ear corn. Each doe has her own 4'x6' box stall.

CLOVERLEAF TOGGENBURGS GO ON DHIA TEST

ALL MILKERS in George Reuss' Cloverleaf Goat Dairy herd of Toggenburgs at Janesville, Wis., have been started on DHIA test, the first test being made by the official tester on May 20. On the first day's test an aged doe, born May 8, 1942, was high producer with 9.9 lbs. milk testing 3% butterfat; she had been fresh since Mar. 30.

The lowest yearling test was 6 lbs., and the highest 8.4 lbs., most of them fresh since early in February.

Cloverleaf Brietta's Chocolate Miss,

ROTATING HEAD

Tattoo Marker

Lightest lasting both sides
Applies, changes, removes
color markings
No tattooing

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1950 ILLINOIS STATE FAIR
August 11-20, inclusive, 1950

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Complete classifications for Toggenburgs, Saanen, Nubian and Alpines

—Also milking contest—

We solicit your cooperation in making this the best dairy goat show ever.

R. L. Harris, Fabius, N. Y., judge

Judging dates: Aug. 14-15

John Norris, Washington, supt.

Livestock entries close July 20.

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DAIRY GOAT JOURNAL,
Columbia, Mo.

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NUTRITIONAL RESEARCH ASSOCIATES
Department 12

2 years old, had freshened as a yearling and in her eleventh month of lactation produced 5.3 lbs. of 3.3% milk on the test day. Her dam, on test in the barn of Harvey Considine of Janesville, produced 9.2 lbs. on her last test day.

The Cloverleaf Herd is a strictly commercial dairy herd, without special test lines of stock or handling. A local cow dairy pasteurizes and sells part of the output of the herd. Mr. Reuss also reports excellent support from the physicians of the community. The milk sells at 40c a quart delivered or 30c at the dairy; some butter is sold at 75c a pound. Last year considerable ice cream was sold at 30c a pint, and this business is being expanded for this summer.

Mr. Reuss' mother-in-law, Mrs. Peggy Owings, has developed a sideline of training goats to drive. She now has four young wethers trained that are going to a summer camp, and four pairs of young kids are going to a children's camp.

TOGGENBURGS PROVE BEST IN HERD OF ALL BREEDS

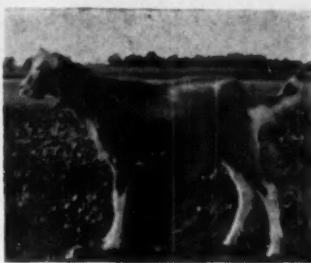
By Mrs. Louise Hall,
Columbus, N. C.

FOR SEVERAL years, while our herd consisted of well over a hundred animals of all breeds we discussed the health of our herd with our veterinarian. His final conclusion was this, "Well, you never seem to call me to treat a Toggenburg. They must be more rugged." Because of this point, in particular, we believe Toggenburgs are ideal for one who has not had much previous experience with stock.

Our first registered buck, years ago, was a Toggenburg, and our interest in the breed has been constantly increasing. The uniform



Chikaming Thissell Brook Quail and her daughter, Luern's Olivia, Toggenburgs owned by Mrs. Louise Hall, Columbus, N. C.



Zion's Lane Cicero, one of the Toggenburg alres owned by Harvey Considine, Janesville, Wis.

markings of white with different shades of brown give an eye appeal and means much to us, and we find that visitors always comment on the neat appearance of the Toggenburgs in herd.

We enjoy and appreciate all breeds, but for dairy purposes the Toggenburg is our old stand-by, and we have always found them dependable. They are less affected by change of feeds, milkers and general conditions than the other breeds.

We have one problem with them, however. Each year we over-sell our Toggenburg kids. They are always in demand and it is hard to hold out kids enough for our own herd replacement.

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An Iodine Preparation for
Animals

MR. AND MRS. HARRY CONSIDINE, Rt. 1, Janesville, Wis., write: "Your product seems to be outstandingly satisfactory. We are glad to be among your satisfied customers."

MR. FRANK E. GIBSON, Grants Pass, Oreg., says: "We wish you could see our herd of goats. They are looking better than ever this spring (much thanks to IODAL) and our milk customers (we supply goat milk locally for babies and invalids) all have a good word for the excellent quality of our product."

Just two out of many letters!

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Director, School of Nutrition, Cornell University
404 pages, 6x9, 44 figures, 34 tables,
Second Edition, \$5.00

Provides a thorough understanding of the different nutrients required by the animal body, and analyzes the values of various feeds. Covers every aspect of animal nutrition, from a discussion of the chemical composition of the animal body and plants which supply its food, to a study of how each nutritive element affects the growth, reproduction, and lactation processes.

DAIRY GOAT JOURNAL, Columbia, Mo.

Why Not a 4-H Goat Club for Your Town?

• By ED ELLIOTT

There must be many problems that the readers of the Dairy Goat Journal are facing in their 4-H work. We're here to help you. Let us know what you're running into and we will offer our suggestion.

If you have any ideas you think would help other readers, we will be more than glad to pass them on. We are particularly interested in any special activities or programs that relate to dairy goat projects.

We are anxious to hear from any 4-H or FFA members that have achieved special recognition. Drop us a line. It is always a pleasure to hear from our readers.—Ed Elliott.

MORE SMALL TOWN goat owners should realize the opportunities they have to obtain the benefits of 4-H work. Just because their establishment borders on being a farm is no reason they shouldn't take advantage of this organization.

Tommy Barret, for instance, was a small town lad who had wondered how his summer was going to be spent. "I had often wished," he stated, "to be able to belong to a 4-H club. Not until I had talked it over with a number of my friends did I realize how many fellows felt as I did." Upon mentioning it to his parents, they proceeded to visit the county agent, Mr. Holmes.



Dorothy Skinner, AR 248, 5-year-old Toggenburg doe owned by C. W. Floyd, Abilene, Tex. Her record is 2169.2 lbs. milk and 85.5 lbs. fat. She is the first Advanced Registry doe in Texas under AGS supervision.

"A person living on a farm or in a town with less than 2,500 people," assured Mr. Holmes, "may belong to a 4-H club. Now I'll tell you what to do. Gather a list of all the young people in your neighborhood between the ages of 10 and 21. Find which of these are interested in this work. Then we'll see what can be done."

It wasn't hard finding interested boys and girls. As a matter of fact, most of them were exceptionally eager. After Tommy's parents notified the county agent of their success, he set a date with them to have an organizational meeting.

Mr. and Mrs. Barret had agreed with the county agent to take the responsibility of being the club leaders. In this capacity, they were to make sure that the meeting went off as planned. Whenever possible, they would offer their assistance in any problems that would arise. Two other individuals were selected as project leaders. Their duties consisted of guiding the boys and girls in their project work. Thus were the preliminary steps taken for the formation of the club.

At the organizational meeting were all the interested young people in the neighborhood. Mr. Holmes gave a brief explanation of the objectives and purposes of 4-H work. After this, he proceeded with the rest of the meeting.

First was the election of officers. Tommy, because he had demonstrated so much interest in the creation of the club, was elected president. Other officers elected were a vice-president, a secretary-treasurer, a reporter, and a song and game leader.

The club members proceeded to decide upon a time and place to hold meetings. Tommy then appointed a leadership committee, a program committee, and a membership committee. A health chairman and a parliamentarian were also appointed. After the meeting was over, the county agent told Tommy and the other officers of the duties of their jobs.

"Meetings of the entire group," he explained, "are usually held once a month throughout the year. There are three parts to each meeting. The business part is conducted by the officers. Individuals members pre-

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Medium 26x18 lined	5.00
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The caretaker who finds the buck odor ingrained on hands or clothing will find a few drops of Odorout will remove the stubborn and objectionable odor.

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GOAT MILK BOTTLE CAPS. No. 2 size, printed red and blue on white stock. \$1.50 per 1000. Add 4 lbs. postage.

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Two February buck kids, sired by *B Chikaming Adobe; dams are from the Yokelawn herd, and are on AR test. One of these has been shown once, and won the blue ribbon at the 1950 Missouri State Kid Show; the other kid was not shown. One is hornless, other disbudded, both short-haired, equally good.

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AR record at 15 months of age:
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YOKELAWN

"Home of
America's Choicest Toggenburgs"
Wanaque, New Jersey

pare the program part of each meeting. The recreational portion is participated in by all.

"Another type of meeting is the project meeting," stated Mr. Holmes. "Here club members are given instruction relating to the various projects they are engaged in. Often some adult, experienced in the type of work the young people are interested in, gives a talk. A tour or trip may be taken giving the members the opportunity to see their type of project at work.

"The president," explained Mr. Holmes, "conducts the business part of the meetings. He calls on the secretary to call the roll and read the minutes of the last meeting. When this is complete, he calls for any business that needs to be taken care of. New members may be presented at this time.

"The program part of the meeting," continued Mr. Holmes, "is conducted by other members of the club. It usually consists of some subject or topic that all of the members have some interest in. The program is adapted to fit the needs of all members. Each meeting's program is prepared by a different member. Quite often, a guest speaker is invited."

"But how," asked Tommy, "will I select my project? As an example, I have a goat. Can they be used as a project and what are the requirements?"

"Most certainly," Mr. Holmes was quick to reply, "a home goat dairy can be used as a project. In fact, if enough of your friends have the same idea, you could start a goat club. However, that might restrict your membership to those interested only in goats. Some people might have other projects in mind and not be able to join. Each state has a list stating the minimum requirements for all of their accepted projects.

"Something else I would like to tell you, Tommy, is about your charter. Your club will be eligible to receive a charter after you have met the following requirements. You must have at least five members and a full set of officers. The club must have the club and project leaders and the club membership filed with the State Club Office. These you may do after I leave. If you need any help, let me know.

"After your club has been organized, you must have regular monthly meetings over this period of time. The programs must have included topics which covered health, recrea-



LaSuisse Seth Romonoff, Toggenburg sire used for several years in the herd of Mr. and Mrs. L. E. Ettien, Rogers, Ark., and now herd sire for Frank Long, Mena, Ark.

tion, music, projects, and club activities. It is also required that 75% of the members must have completed their project work."

"What awards," asked Tommy, "are given to the members in recognition of their work?"

Mr. Holmes hastened to point out that achievement pins were given to each member who completed the work required for his project over a year's time. "Members are eligible for pins," he stated, "who have completed one, three, five, seven, and ten years of work. For two, four, six, eight, and nine years of work, they receive a card in recognition of their work."

"I think," said Tommy, "that I understand all you have said so far. But isn't it going to be quite a problem for some of the members to develop a program?"

"Perhaps," replied Mr. Holmes, "but since the program is based on the needs and interests of the boys and girls, I don't think it will present too great a problem. What difficulties that do come up will give them good experience. If it is too great a task for them, the club leader can give them help. In most cases, it will work itself out.

"One more thing," concluded Mr. Holmes. "Don't overlook the value of recreation. It must be a definite part of each meeting. The spirit of play builds a sense of unity in an organization and helps hold the interest of all the members.

"Well, Tom, its time for me to be running along. Good luck with your 4-H club. You know where I may be reached. If there is ever any help you need, be sure to call on us."

So it was that another 4-H club was born. Have you ever wanted to belong to such an organization? This is the way it can be done. You too, like Tommy Barret, can start your own 4-H club.



TOGGENBURGS

Should suit you if you want milk, butter and cheese. We are offering 12 good ones from \$20 to \$50 for milking does, bucks and yearlings.

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Fresh does, buck and doe kids. Does sired by Sunshine Fink's Jonan T78692; kids sired by Sunshine Fink's Shoshone T78689.

Bang's and tuberculin tested.

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Order kids now from AR does of Chukaming breeding, sired by a most promising grandson of Sunshine Fink.

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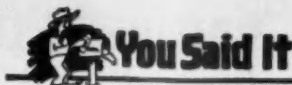
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DAIRY GOAT JOURNAL, Columbia, Mo.



POLIO AND MILK

You may have noticed the news item in Time for May 29, 1950, concerning the unknown substance in mother's milk that makes the polio virus less active.

Is it not possible that this substance is present in all natural milk, or at least (Oh, happy day for goat-keepers!) in natural goat milk?

Here in the Black Mountains we had but two or three cases of polio two years ago when the rest of the state suffered a serious epidemic. This is the poorest section of the state, and pasteurization is almost never practiced (although we do have a great deal of tuberculosis). —Mrs. L. P. Tyler, Burnsville, N. C.

GOAT INSURANCE

It may be of interest to know that there is no "set" premium charge for insurance for goats. Each herd or individual is based on its own merits. Such matters as what protection the animals have against weather elements, purpose for which the stock is kept, casualties in recent years, length of periods between state or veterinary inspections and several other matters are all figured into the premium computation.

In most instances it is possible to cover the owner against loss of his goats when death is caused by illness, disease, accident or natural causes. There seeming no other way for the animal to die, I believe that you will admit that the coverage is broad.

In passing, might I say from our own experience that we have often found the owner of a valuable animal has never given thought to insuring it. Yet he will have his home and barn fully covered for fire insurance. Ironically, the animals are sometimes worth more than the barn in which they are housed yet their loss is uninsured.—Donald R. Catt, Albany, Ore.

ADVERTISE VIA CAMERA

I entered a snapshot of some of our kids in a photo contest run by a local chain of drug stores. This proved the winner, and was displayed in all their stores. Good advertising, isn't it?—Dorothy A. Miller, Seattle, Wash.

HICKORYSIDE TOGGENBURGS

—Home of—

YGGDRASIL LA HOYA'S ONYX

A few kids from early spring freshenings out of fine does available.

MISS ISABEL HOOPES
Newbury, Mass.

P. O.: RFD, Rowley, Mass.
Telephone Newburyport 655

The Mille Fleur Herd

French Alpines Exclusively

Breeding for—

1. Constitutional vigor
2. Physical soundness
3. Prolonged lactation with uniform upward trend of production.

Booking orders for 1951 Kids

Dr. W. R. McCuiston

Box 1731 Fort Worth 1 Texas

Sans Souci French Alpines

*M LaMart of Production Herd AR 917, 3878 lbs. milk in 305 days. *M Pamela San Souci AR 770, 3144 lbs. milk in 305 days. *Philippe de Marcellaigne AR 1086, 3046 lbs. milk in 305 days. *Golden Rule's Clarissa AR 880, 2745 lbs. milk in 305 days. *Rhea Sans Souci AR 741, 2427 lbs. milk in 7 months 26 days. *MCH Mary AR 1509, 2625 lbs. milk 305 days first freshening.

Booking order for bucks from these does sired by *B Dictator Del Norte, a son of ***M Yvonne Del Norte, 4552 lbs. milk in 305 days, 5094 lbs. in 365 days. Send for free mating list.

MEEK'S FARM
Rt. 3 Madison 5 Wis.

Wilton French Alpines

Where production is paramount
A few buck and doe kids to sell.

DR. CHARLES HOEFLE, veterinarian
Wilton, Conn.

French Alpines

Doe kids • Del Norte sire
Bred does

CLAY WRIGHT
Box 91 Landis North Carolina

FRALPINA

stands for

French Alpines of fine breeding
Continuous AR testing—Star buck
herd sires

FRALPINE DAIRY GOAT RANCH
Rt. 11 Box 124 San Antonio, Tex.

SERAGA FRENCH ALPINES

PUREBREDS ONLY

1949 Yearlings—1950 Kids

Out of AR does, sired by grandson of Jean de Navarre, out of three star AR doe.

E. R. KING, Canaseraga, N. Y.



Bakri Miriam's Penny AR

Hurricane Acres Nubians

Offers the following
—Sired by—

Horus Serape of Rancho La Habra AR

1 red and white yearling doe
1 6-month doe kid (dam, *M Loma
Alto Burgandy AR 2697

May buck and doe kid (dam pictured above; grandparents, Oakwood Pride's Duke AR, Babbie 11 AR, Horus of Wheelbarrow Hill AR.)

MRS. ALICE TRACY
La Habra California



Buck and doe kids from these four does.

HELENE'S NUBIANS
3050 E. Ft. Lowell Rd.
Tucson, Arizona

Mountainbrook Farm

The only Nubian breeder in the U. S. owning both imported bucks and does. From these importations have added to the herd five beautiful young does and one buck—all of English Nubian blood entirely.

STUD SERVICE OFFERED

Selected stock of all ages for sale the year around; does bred to freshen during summer months, including September.

MRS. MARY E. HACKMAN
Box 176 Lititz Pa.
VISITORS WELCOME—Farm located 4 miles north of Lititz on Rt. 301; Phone Lititz 6-7163.

Floralea Nubians

Now booking orders for 1950 kids from our heavy milking does... write for full information.

MRS. J. FRANKLIN WILSON
New Canton, Virginia

PAINLESS DEHORNING

EVEN THE BEST producers in a herd are relatively worthless on the market when graced with a fine set of horns. In the herd they are a constant source of trouble, and horned goats require extra space in the barn and, often, special handling. But the idea of dehorning a milking doe is repellent to most goat owners.

A humane method of dehorning has been developed by various veterinarians, and has been perfected by Dr. Harold E. Amstutz of Ohio State University. It has been used extensively with cattle, and a few veterinarians have reported equally good results with dairy goats. Cattlemen report that, for instance, "It is not possible for anyone to pick the date of dehorning by looking at our milk sheet." In one herd of 160 animals, all of which were dehorned by this method, only three of the entire number, even bellowed; the dehorned made a clean, smooth cut and not a horn was crushed.

For goats it is suggested that a chute, similar to the regular cattle chute but reduced in size, be used; a stanchion at one end holds the goat during the operation.

A local anesthetic is injected halfway between the eyes and the horns. This is done in the stable 20 minutes before dehorning.

As soon as the animal is fastened in the stanchion, a nose lead is used to draw the head to one side. The dehorner, of course, is disinfected between each horn, and the area at the base of each horn is carefully disinfected.

The dehorner cuts closely enough to include about a half-inch of skin and hair, as well as the horn base.

The instant the horn is dropped, and while the blood spurts from a large artery at the base of the horn and a smaller one at the top, the operator uses forceps to pull out a short length of the artery to seal the tissue within the horn and stop bleeding.

Antiseptic pads are put over the cuts, with bandages over the pads fastened under the throat. The last act is to spread a horn paste containing "Smear 62" over the bandage—this is a material for the purpose of repelling flies and maggots.

Fall and spring are the best seasons for dehorning.

The advantages of this method are:
1. Animals experience very little pain.

2. Hemorrhage is controlled permanently.

3. There are no strings or bands to cut.

4. By dehorning in a chute, the barn is kept clean.

5. Animals do not associate the dehorning operation with their own stanchion.

This is no undertaking for a novice—but a competent veterinarian can do a fine, and economical, job in any herd containing horned animals.

COOK CHEESE CAREFULLY FOR APPETIZING DISH

THERE are few foods more versatile than cheese. Not only are there many varieties of cheese but also countless ways in which you can serve this wholesome food which can supply a goodly portion of the protein we need.

Cheese is a concentrated food so a comparatively small amount can be used—less than a half pound for a main dish. To make the most of this food in your meals, Miss Flora L. Carl, Missouri University extension nutritionist, gives three rules for cooking cheese.

First, go easy on heat. Cheese needs only enough heat to melt and blend with other ingredients. High heat or too long cooking makes it tough, stringy and leathery. Also, too much heat may cause curdling in mixtures of cheese, egg and milk.

Second, add cheese to other ingredients in very small bits. When broken up, cheese spreads more evenly and quickly among other ingredients, does not form a solid lump or curd when the fat melts up, and allows the mixture to cook more quickly. Grating is the easiest way to break up hard or dry cheese. Soft cheese may be shaved thin, flaked with a fork, pressed through a sieve, or run through a meat grinder.

Third, blend cheese in a smooth sauce before adding to other ingredients whenever possible to prevent curdling. A white sauce with cheese melted in it may be poured over cooked vegetables for a scallop, into beaten eggs for Welsh rabbit, or on macaroni before baking.

When tethering goats this summer give them a shady place in which to rest and get away from the hot sun.

Strippings

● To increase eye appeal of the show the Massachusetts State Council Dairy Goat Show at Burlington on July 16 requests that all exhibitors wear white clothing in the show ring.

● Mr. and Mrs. G. R. Purcell, Jr., West Monroe, La., have purchased 32 Nubians from F. H. Pryce, Hot Spring, Ark. These constitute the old Caddo herd originated years ago at Hot Springs by C. M. Barber.

● A research laboratory for foot-and-mouth disease is about to be established by the Department of Agriculture, probably on an island off the New England coast. Goats will be included in the studies.

● Where is the world's biggest dairy? A new project in a suburb of Bombay, India, has 32 units and handles a herd of 20,000 buffaloes.

● Irvin Fritch, Arroyo Grande, Calif., reports that the list of officers used in the report of the Saanen Club last month was in error, that these are the past year's officers and not the newly elected ones.

● Further field tests by the University of Missouri continue to show that multiflora hedge is one of the best and most economical fences for goats as well as other stock. They term it "the fence of the future."

● Brooke Johns is heard each morning over WBCC with his Mornings in Maryland Program. At his farm at Norbeck, Md., he maintains a "Farm Animal Zoo," and, of course, now includes some dairy goats.

● A. B. McReynolds who founded and has developed the well-known Kiamichi Mountains Mission at Tahihina, Okla., and who has been introducing goats to the Choctaw Indians and mountaineers of the area, has purchased the entire Sky Pilot Herd of Saanens for use in the

area. This included 32 purebred animals. Many breeders have already donated stock and money to the mission for the expansion of the project.

● Goat owners are doing an increasingly better job of getting goat stories before the public through local newspapers and in other ways. Itemized here are just a few of many such clippings recently received by Dairy Goat Journal: Paul Roberts, Monee, Ill., his Toggenburg doe quadruplet kids, in the Chicago Tribune; Mrs. I. N. Mallery, Olathe, Colo., and her herd have an illustrated full page story in Rancher & Farmer; the Janesville,



Marrel of Ronlim, 10-year-old Toggenburg doe owned by Miss Frances Steyer, Deer Park, Md.

Wis., Gazette, used a picture of a Toggenburg from George Reuss' Cloverleaf Goat Dairy that marched in a local parade; Dr. Allan Vincent, Hamilton, Ont., had a full page to tell a story about goats, with five pictures, in the Family Herald and Weekly Star; K. B. Hall, Ventura, Calif., had a story and picture of a Saanen doe and her quadruplet kids in the Ventura Co. Star-Free Press, and as a result the Los Angeles Times sent a reporter for a more detailed story; the Los Angeles Examiner had a story of quadruplet kids owned by Fritz Mueller, Temple City; Sheldon (Sandy) McIntosh and his Nubians of Little Falls, N. J., had a long feature story in the Newark News; two sets of triplets brought a story for Francis H. Gray, Monee, Ill., in the Chicago Tribune; using a goat to raise a colt brought a story in the San Diego (Calif) Union; The News, house organ of the Applied Physics Laboratory, used two-thirds of a page to tell of the Toggenburgs of Joseph W. Potter, Derwood, Md.; and the Corvallis, Oreg., Gazette-Times used much of a full page to tell of the dairy goats at Mariposa owned by Mrs. Philis Parsons, Albany.

Desert Nubians

Tested for health and production

MRS. J. C. LINCOLN
Scottsdale, Arizona

PINCKNEY FARMS SAANENS

3 very nice type, naturally hornless doe kids born in February. Sire: Tyler's Cavalier. You may reserve doe kids from Tyler's Cinnac, who was Best Milking Yearling at the E.N.Y. Goat Show.

Priced according to age taken.

MRS. CHARLES P. HORTON, Carmel, N.Y.

FOR SALE

Purebred Saanen Buck

MITCHELL'S PUNCHINELLO
of KIPRIDGE S10027

Born Feb. 27, 1949

Sire: **Thundersley Petrol**, imported
Dam: **Mitchell's May Queen S773 AR 11**

Price \$230

MRS. IRA A. KIP
Kipridge Farm
Wrightstown (Bucks Co.)
Pennsylvania

Bernina Goat Farm

"Better Saanens"

Bernina Moonlarch Urs S-8678, the outstanding buck advertised last month, has been sold to the fast growing Luegisland Goat Dairy, owned by Charles and Elizabeth Newman, Binghamton, N. Y. Over the past years the Newmans have purchased several other Saanens from us.

We would like to count you, too, among our satisfied customers.

MRS. WERNER GRUTTER
Rt. 1 Bainbridge New York

SPLENDIDA SAANENS

Mitchell's Herd of Purebred Saanens

Home of Imported
THUNDERSLEY PETROL

Kids for sale by Petrol and Detherley
Myrus II, and out of AR does.

BOTH BUCKS AT STUD

THOMAS H. MITCHELL
Amesland Road Morton, Pa.

Sun Wei Saanens

GRADE DOELINGS
FROM
BRED-UP DAMS.

MRS. ANNA K. JUNG
Rt. 1 Box 41 Ravenna, N.Y.

SILENT HILL HERD

Purebred Saanen buck and doe kids
for sale

AL MCCOY
Rt. 1 Box 1842 Sweet Home, Oreg.

Last Chance to get a herd sire from 5 son of the famous doe, Rio Linda Dona Marcelina. Have two 1950 buck kids and one 1949 buck ready for hard service. These bucks are all from AR does. Priced reasonably.

FAIRWAY SAANEN GOAT RANCH
MR. & MRS. CHAS. SHIDNER, props.
Rt. 3 Box 950 Escondido, Calif.



AGS Registry

The Hallmark of Accuracy, Reliability, Integrity in Dairy Goat Registration.

BEGINNERS should insist on AGS Registry certificates.

RECORDING — PRODUCTION
TESTING — CLASSIFICATION

These three AGS services are unexcelled by any livestock recording Association in the U.S.

Carl W. Romer, President

R. D. Weis, Secretary, Mena, Ark.

SKY PILOT SAANENS

Largo of Sunnyslope and the entire Sky Pilot Herd have been purchased by us. For lack of room must sell two buck kids, one 2-year buck, out of top does (records up to 17 lbs. daily), sired by Largo. Also offering Nubian gallon milker and her aged dam.

A. B. McREYNOLDS
Kiamichi Mts. Mission Talihina, Okla.

GRASSLAKE FARM

Kent, Washington

REGISTERED HERD

Toggenburgs - French Alpines - Nubians
SIREs AT STUD

Lake-Land Farm

Toggenburgs • French Alpines
Reserve 1950 kids now by LaSuisse and Lake-Land bucks, from registered and AMGRA Advanced Registry does.

FRANK LONG, Rt. 3, Mena, Ark.

Third Annual Massachusetts
State Council Dairy Goat Show
Sunday, July 16—11 a. m. to 6 p. m.
Judge: Robert M. Reinhardt, Waukesha, Wis.
AMGRA and AGS show
BURLINGTON FAIR GROUNDS
U. S. Rt. 3, Burlington, Mass.
For information write
MRS. HELEN L. MacLEOD, Avon, Mass.

SERVICE MEMOS

In bound books, 50 original and 50 duplicate copies, perforated, with carbons. 25¢ a book, postpaid.

DAIRY GOAT JOURNAL
Columbia, Missouri

VETERINARY



YOU ARE invited to write about any veterinary problems. Those accompanied by stamped envelope will be answered free of charge by Dairy Goat Journal staff members to the best of their ability, or you will be referred to sources of information.

Selected questions of general interest will be published in this department. These are answered by DR. W. R. McCUSTION, Box 1731 Ft. Worth 1, Tex., a veterinarian and goat breeder with many years experience in practice with goat diseases.

If a personal reply is desired from Dr. McCustion he may be written directly, enclosing \$1 for such reply.

NOSTALGIA

Q: I bought a buck a year ago. He refused to eat and in time died. I have also lost three does that have refused to eat hay or grain. At the time of purchase the goats were young and healthy, all of them being two or three years old. Can you suggest what might be done to alleviate this problem?

A: There is not enough information in your inquiry to arrive at a reliable conclusion. Goats do suffer seriously from homesickness and will at times become so weakened through the refusal to eat, that some disease condition develops which results in their death. This may be the source of your trouble or it may be due to something else. Write again giving more detailed information and especially how long you have been keeping goats.

FOOT ROT

Q: I have a goat 21 months old and she has something wrong with her feet. The hoof is becoming hollow, just like the flesh is decaying leaving the hoof brittle. She can't stand long on her feet and she always kneels to eat and lays down most of the time.

A: There is one of the sulfonamides which is very effective in the treatment of this condition but must be administered intravenously and with special preparation. Consult your local veterinarian and if he does not have a fresh supply, he can obtain some for your particular case.

GOAT POX AND FOWL POX

Q: Will goats be infected by chicken pox or fowl pox from an infected flock housed in the pen with the goats? Apparently it is contagious as our neighbors' chickens have fowl pox.

A: Fowl pox is not contagious for goats and neither is goat pox catching for poultry. Each individual species of animals have their own

kind or pox. It is possible to transmit some of the varieties of pox by special manipulation, like Dr. Edward Jenner infected people with cow pox, which produced the disease in a mild form and resulted in an immunity against the human small pox. Pigeon pox is used as a vaccine for heavy laying hens in production to keep from cutting the egg yield and stimulates an immunity that will run through the laying season. I sometimes wonder if mild cases of pox in goats is not fowl pox that has been inoculated by mosquito bites, but I have no experimental evidence to back the theory up.

UNEVEN UDDER HALVES

Q: I have 14 months old doe, whose udder is enlarged on the one side. Will this damage her for future milk production? She is in perfect health in all other respects. The enlargement does not look as though it is festering. She has had it for two months and it does not get any larger or smaller.

A: Nearly all of these unbalanced udders develop normally when the milk secreting structure has reached full growth. When no infection has occurred in the gland which would be shown by serious disturbances of the entire system, the under development of one side of the udder usually will be corrected at freshening time.



Paul of Melkie Knox, one of the two Toggenburg senior herd sires owned by Mr. and Mrs. Edgar D. Gehris, Mertztown, Pa.

GOAT CLUB

Doings



Organizations of dairy goat owners are invited to contribute newsworthy items from their meetings. Mere routine "reports" will not be published—the bare facts that "Mr. Smith talked on cheesemaking" is not helpful, but a resume of information in the talk will be of value to other owners.

Reports must be written on one side of sheet only; if typewritten they must be double-spaced, or if hand-written allow comparable space between lines, with ample margins; carbon copies will not be accepted. Copy for reports must reach Dairy Goat Journal not later than the first of the month for the following issue (May 1 for June issue, and so on).

Coming Events

- July 4—Illinois Milk Goat Breeders Assn. Kid and Buck Show, Springfield, Ill. Mrs. Helen Wells, sec., 1508 Homewood, Springfield, Ill.
- July 4—Ohio Milk Goat Breeders Assn. State Goat Show, Wooster, O.
- July 16—Massachusetts Council Show, Burlington, Mass. Mrs. Helen MacLeod, chairman, Avon, Mass.
- July 22—Delaware Valley Milk Goat Assn. Annual Show, Wrightstown, Pa. Gertrude T. Waters, sec.
- July 23—Penobscot Co. (Me.) Dairy Goat Breeders Assn. show, Eastern Star Grange, Hampden Center, Mass. Ivan Hunt, chairman.
- July 30—Southern Vermont Goat Assn. meeting at home of Mr. and Mrs. Clarence Hall, Glens Falls, N. Y.
- July 30—Snohomish Co. (Wash.) Dairy Goat Assn. Show, Marysville, Wash. Fred C. Mundt, Rt. 3, Snohomish, chairman.
- Aug. 1-4—Boone Co. (Mo.) Fair goat show. J. B. Sappington, supt., Columbia, Mo.
- Aug. 11-20—Illinois State Fair, Springfield. John Norris, supt. goat department.
- Aug. 12-18—Ozark Empire Fair, Springfield, Mo. G. B. Boyd, mgr.
- Aug. 19-27—Wisconsin State Fair, Milwaukee. Clem Weiss, supt. dairy goat dept.
- Aug. 20-27—Missouri State Fair, Sedalia. Jesse Turner, supt. dairy goat dept.
- Aug. 22-23—Catskill Dairy Goat Assn. show at Delaware Co. Fair, Walton, Albert L. Smith, Sidney Center, N. Y., sec.
- Aug. 22-26—Morris Co. Fair, Morristown, N. J. Richard Zartman, supt. dairy goat dept.
- Aug. 26-Sept. 1—Ohio State Fair, Columbus. Frank Corbus, supt. dairy goat dept.
- Aug. 27—Southern Vermont Goat Assn. Kid Show at home of William Cassin, Chester.
- Aug. 29-Sept. 1—Kansas State Dairy Goat Society Show, Salina, Kans. Frank W. Shaffer, pres., Salina, Kans.
- Sept. 1-11—California State Fair, Sacramento. Hubert Heltman, Jr., supt. dairy goat dept.
- Sept. 2-9—New York State Fair, Syracuse. Bligh A. Dodds, director.
- Sept. 4-10—Oregon State Fair, Salem. J. J. Thompson, supt. dairy goat dept.
- Sept. 10-16—Kentucky State Fair, Louisville. Louis F. Herberger, supt. dairy goat dept.
- Sept. 10-16—Reading Fair goat show. Charles W. Sawyer, sec., Reading, Pa.
- Sept. 12-16—Minnesota Fair, Minneapolis, Minn. N. Y. Charles E. Mills, supt. dairy goat dept.
- Sept. 13-Oct. 1—Los Angeles Co. Fair, Pomona, Calif. John V. Bateman, supt. dairy goat dept.
- Sept. 17-22—Kansas State Fair, Hutchinson. V. C. Miller, mgr.
- Sept. 23-Oct. 1—New Mexico State Fair, Albuquerque. W. L. Russell, supt. dairy goat dept.
- Sept. 24—Southern Vermont Goat Assn. meeting at home of Helen Staver, Marlboro.
- Oct. 6-13—Pacific International Livestock Exposition, Portland, Oreg. W. S. Averill, supt. dairy goat dept.
- Oct. 7-14—International Dairy Exposition, Indianapolis, Ind. Oscar A. Swank, gen. mgr.
- Oct. 7-22—Texas State Fair, Dallas. Ray W. Wilson, mgr.
- Oct. 22—Southern Vermont Goat Assn. annual banquet.

Oct. 27-Nov. 5—Grand National Livestock Exposition, San Francisco. Carl L. Garrison, mgr.

What do you know that is coming up in the goat industry? Meetings of your association, shows, fairs, or other dates of interest should be listed under "Coming Events." A postcard is all that is necessary to send in such listings.

PRESQUE ISLE ASSOCIATION ELECTS NEW OFFICERS

The Presque Isle Dairy Goat Assn. elected officers at a recent meeting. They are: John Anderson, pres.; E. N. Finch, vice-pres.; Mrs. Heinz Schulz, sec.; Mrs. Frank Bigelis, corresponding sec.; Edward Bogden, treasurer; Dr. H. Baumgartner, veterinarian.

Plans were made for a kid and yearling show to be held July 16 at the home of Glenn Link, Erie, Pa., with Fred Martin as judge. Show committeemen are: Heinz Schulz, Edward Bogden and Mrs. John Anderson.—Report by Mrs. Frank Bigelis, cor. sec., North Girard, Pa.

KENNEBEC VALLEY DAIRY GOAT ASSOCIATION HAS MEETING

The Kennebec Valley Dairy Goat Assn. met in April at the home of the president, Robert White, Skowhegan, Me.—Report by Mrs. Irvine C. Pond, reporter, Burnham, Me.

SOUTHERN VERMONT ASSOCIATION DEMONSTRATES GOAT GROOMING

A practical lesson in grooming a goat was demonstrated at the April meeting of the Southern Vermont Goat Assn., held at the home of Mrs. J. W. Paxton, Arlington, Vt. We trust that each member, when he arrived home, clipped the beard, trimmed the tails, and manicured the toe nails of his goats!

A rising vote of thanks was given to the anonymous donor of \$100 to the association treasury.—Report by Annah-mira Burton, publicity director.

JENKINS ELECTED TO HEAD TAYLOR CO. (TEX.) GROUP

H. T. Jenkins was installed as president of the Taylor Co. (Tex.) Milk Goat Assn. at the third annual banquet held April 19. Other officers are: E. Edwin Young, vice-pres.; Mrs. H. T. Jenkins, sec.-treas.; Mrs. E. Edwin Young, corresponding sec.; R. L. Osborn, C. C. Higgs, C. W. Floyd, and T. B. Kelly, directors.

The association is to be host to the American Goat Society annual meeting Sept. 7-9, and R. D. Weis, secretary of that organization, met with us at this meeting.—Report by Mrs. E. Edwin Young, cor. sec., Abilene, Tex.

GROUP FORMED IN MAINE TO HOLD FIRST GOAT SHOW

The Penobscot Co. (Me.) Dairy Goat Assn. will have its first goat show on July 23, under the direction of its officers. These are Mr. Savage, pres.; Mr. Boutillier, vice-pres.; Mrs. Lesland, sec.-treas. The show will be held at the Eastern Star Grange at Hurdens Center, Me., with Ivan Hunt as chairman, and Mrs. Julia's Ernst

Chikaming Herd

Toggenburgs
Nubians Saanens

OFFERS buck kids of our three breeds, backed by AR records and consistent breeding for sound dairy type and stamina.

Sorry, no does or doe kids left for sale from our 1950 kid crop.

MRS. CARL SANDBURG
HELGA SANDBURG TOMAN
Flat Rock, North Carolina

Price Reduced HELM'S DEHYDRATED Goat Milk

The original powdered goat milk—accepted by American Medical Assn.

One pound tin, \$2.50
75 Capsules 1.00
4-oz. bot. Cleansing Cream (cosmetic) 1.00
Case of 12 1-lb. tins, 20% discount (\$24 case).

All prices postpaid

HELM GOAT MILK PRODUCTS
Graas Lake Michigan

Silver Spring Herd

The New England Herd
With the AR Background

We are booking orders for a few French Alpine and Nubian buck and doe kids, from our AR dams and star bucks. Bucks reserved on order only.

Offering one Nubian star buck 8 months old. Here is an opportunity for someone wishing exceptional breeding.

MRS. JOHN G. BATCHELDER
Merrimac, Mass.
Mail address: Rt. 1, Haverhill, Mass.

OAKDALE GOAT RANCH

Home of the "LaSuisse Herd"
Toggenburgs—Saanens—French Alpines
Kids now weaned and ready to ship.
Also some does and yearlings.

Rogers I. E. & M. B. ETTIEN Rt. 5 Arkansas

BREEDERS Directory

Buy Better Goats . . .

. . . from Better Breeders

Breeders listed are those who usually have quality stock to offer for sale, and most of them have purebred bucks, at stud. Check this list to locate the breeders of your favorite breed—it is your assurance of value when you buy from advertised breeders.

ARIZONA
French Alpine
TOMONA RANCH, Mr. & Mrs. Thomas H. Kent, Jr., 908 N. 40th Ave., Phoenix, Ariz.

ARKANSAS
Toggenburg
SILVER ROCK GOAT FARM, Mr. and Mrs. Lee Pratt, Rt. 4, Harrison, Ark.

CALIFORNIA
French Alpines
LINDEN SPRINGS RANCH, Mrs. O. A. Huber, Rt. 4, Box 1816, Oroville, Calif.

COLORADO
French Alpines
HEIDI RANCH, L. H. England, Rt. 54 Box 440, Pueblo, Colo.

CONNECTICUT
Nubians
FOUR WINDS FARM, Mr. and Mrs. Madison Sayles, Rt. 1, Box 394, Chestnut Hill Rd., Norwalk, Conn.

ILLINOIS
French Alpine
THE LINCOLN FARM, O. I. Warner, Box 93, Lincoln, Ill.

INDIANA
Toggenburgs
SONOMA LAND, Ellis M. Heminger, South Bend 14, Ind.

KANSAS
Saanen
JAYHAWK FARM, Dr. C. A. Branch, Rt. 1, Marion, Kans.

MASSACHUSETTS
French Alpine
SILVER SPRING FARM, Mrs. John Q. Batchelder, Rt. 1, Haverhill, Mass.

Toggenburg
VITAMILK GOAT DAIRY, Ernests and Brown, Prospect Hill Road, Harvard, Mass.

MISSOURI
Toggenburgs
MACK, Mr. and Mrs. Ralph, Rt. 14, Box 1365, Alfton, 23, St. Louis Co., Mo.

NEW JERSEY
Rock Alpines
HICKORY HILL GOAT FARM, Mrs. S. Czepek, Rt. 2, Paterson, N. J.

Toggenburg
BLUE HILL GOAT FARM, W. M. Shaw, Rt. 1, Westwood, Riverdale, N. J.

NEW YORK
Saanen
WYNDOVER FARM, Grace Merrill, Marion James, LaGrangeville, N. Y.

BERNINA GOAT FARM, Mrs. Werner Grutter, Rt. 1, Bainbridge, N. Y.

OREGON
Saanen
DAMYANKIE RANCH, Chuck and Jo Taylor, 1816 Hwy. 199, Grants Pass, Oreg.

PENNSYLVANIA
Nubian
PLAINVIEW Nubian Goat Dairy, Elam S. Horst, Bareville, Pa.

Saanen
LAPSHU VICTOR FARM, A. V. Becker, Rd. 1, Rt. 72, Manheim, Pa.

Toggenburg
POWELL, MRS. EDWARD, Rt. 1, Cedar Grove Rd., Media, Pa.

TEXAS
Nubian
HEART O' TEXAS GOAT FARM, Mrs. Grover Dalton, Rt. 1 Box 11, Mullin, Tex.

WEST VIRGINIA
Toggenburg
KOKENA HERD, Jerry H. Gass, Rt. 2, Box 308, Buckhannon, W. Va.

WISCONSIN
Toggenburg
CLOVERLEAF GOAT DAIRY, George W. Reuss, Rt. 4, Janesville, Wis.

If you are a breeder of quality stock and wish to be included in this Breeders Directory, write directly to Dairy Goat Journal for rates and information.

as judge.—Report by Muriel S. Bradstreet, Bangor, Me.

NEW SECRETARY ELECTED FOR TRI-STATE DAIRY GOAT ASSN.

Due to the removal of B. A. Ranum, Mrs. Hugh B. Rees has been elected secretary of the Tri-State Dairy Goat Assn.—Report by Mrs. Hugh B. Rees, sec., North Kenova, O.

ILLINOIS ASSOCIATION HOLDS AUCTION AT MAY MEETING

The Illinois Milk Goat Breeders Assn. met May 20 at the home of Mr. and Mrs. Herbert Blodgett, Yates City, at which time each member was asked to bring some usable article for the auction. Funds from the auction were to be used to finance the annual kid show on July 4. Refreshments of goat milk ice cream and cake were served.—Report by Mrs. Charles Clark, reporter, Lincoln, Ill.



L. W. Meyler, Conneaut, O., and his Toggenburg herd sire, Sunshine Fink's Shoshone, a son of imported Fink D.A., and out of Messenger's Bear-rie AR 70.

PENNSYLVANIA DAIRY GOAT ASSN. PLANS RESEARCH PROJECT

A research project on goat milk is being planned by the Pennsylvania Dairy Goat Assn. under direction of Dr. Pauline Beery Mack, director of the Ellen H. Richards Institute of Pennsylvania State College. The association is expecting to raise \$5,000 to carry on studies of the benefits of goat milk as compared to cow's milk in the first year or two of a child's life, although most of the funds, estimated at \$20,000 a year, will be supplied by the Institute. The association is also endeavoring to secure legislative appropriation in Pennsylvania to augment the program.—Report by Wilson Shupe, Bellefonte, Pa.

AWARDS AT SPRING GOAT SHOW OF ARIZONA GOAT ASSOCIATION

The fourth annual spring goat show of the Arizona Goat Assn. was held at the State Fair Grounds, Phoenix, on May 21, with 73 entries, including 4-H displays. The show committee was Mrs. J. C. Lincoln, chairman, Mrs. Raymond Maxcy, Lawrence Burch, Harold S. Hansen, Mrs. K. F. Griesser.

Judge: Mrs. Charles L. Adams.
Exhibitors: Mr. and Mrs. K. F. Griesser, Lawrence Burch, Mrs. Helen Ashelm, Mrs. J. C. Lincoln, Mr. and Mrs. Raymond Maxcy, Harold S. Hansen, Mr. and Mrs. Thomas Kent, Mr. and Mrs. F. Koczka, Mrs. George Sweet, Mr. and Mrs. A. W. Cressy, Herbert Fried.
4-H Exhibitors: Hayden Green, Jess Ahart, Audry Woods, Arthur Smith.

French Alpine
(All purebred entries owned by Kent)
Buck kids (3 entries): 1, Tomona Comanche Chief; 2, Tomona Apache Chief; 3, Tomona Navajo Chief.
Does 2 months and under (3 entries): 1, Tomona Lucinda; 2, Tomona Juliet; 3, Tomona Folly.
Does 2 months to 9 months (3 entries): 1, Tomona Minerva; 2, Tomona Preschie; 3, Tomona Pinkie.

Does 9 months to 2 years (1 entry): 1, Tomona Celeste.
Does over 2 years (2 entries): 1, Tomona Duchess; 2, Tomona Diana.
Grade does under 9 months (3 entries): 1, Blikko, Sweet; 2, Pinkie, Sweet; 3, Valentine, Ashelm.
Grade does over 9 months (3 entries): 1, Open Lee, Fried; 2, Ross, Ashelm; 3, Mama Inez, Sweet.

4-H Entries
Does up to 2 years (1 entry): 1, Annie, Ahart.
Does over 2 years (1 entry): 1, Amie, Ahart.

Nubian
Buck kids (3 entries): 1, Desert Pluto, Lincoln; 2, Desert Waldo, Lincoln; 3, Silvia's Samson, Burch.

Does 2 months and under (3 entries): 1, Desert Mathilde, Lincoln; 2, Blondie, Ashelm; 3, Griesser's Melody, Griesser.
Do kids 2 months to 9 months (3 entries): 1, Arizona Gem Calico, Maxcy; 2, Desert Vesta, Lincoln; 3, Desert Paisley, Lincoln.

Does 9 months to 2 years (3 entries): 1, Desert Petunia, Lincoln; 2, Silvia's Josephine, Burch; 3, Helene's Hope, Lincoln.
Does over 2 years (2 entries): 1, Stardust, Ashelm; 2, Nel's June Bug, Burch.

4-H Entries
Buck kid (1 entry): 1, Hayden's Pride, Green.
Does 2 months and under (3 entries): 1, Hayden's Princess, Green; 2, Hayden's Rose, Green; 3, Hayden's Ebony, Green.
Does 9 months to 2 years (1 entry): 1, Shirlev, Smith.
Does over 2 years (1 entry): 1, Sealio, Green.
Showmanship: 1, Arthur Smith; 2, Jess Ahart.

Saanen
Do 2 months and under (1 entry): 1, Arizona Gem, Miss A. Maxcy.
Do 9 months to 2 years (1 entry): 1, Arizona Gem, Annabell, Maxcy.
Do under 2 years (1 entry): 1, Nel's Lilly of Wasatch, Burch.
Grade does under 9 months (3 entries): 1, Donna, Cressy; 2, Sandy, Cressy; 3, Clara, Maxcy.
Grade does over 9 months (2 entries): 1, Honey, Fried; 2, Elsie Maxcy.

Toggenburg
Grade does over 9 months (1 entry): 1, Sisate, Griesser.

4-H'ERS PUT ON PROGRAM FOR SCIOTO VALLEY ASSOCIATION

The Capricorn Kids, the local 4-H goat club, gave a discussion on the anatomy of the dairy goat at the April meeting of the Scioto Valley Milk Goat Assn. Floyd Hegendiger is leader of the 4-H Club.

KID SHOW DROPPED FOR 1950 BY CENTRAL OHIO ASSOCIATION

It was voted at the May 7 meeting of the Central Ohio Milk Goat Assn., held at the home of Mr. and Mrs. Walter Humphreys, Reynoldsburg, to abandon the idea of a kid show for this year. It was felt the season was growing late, and we want to have a show that will attract outsiders rather than just exhibitors alone.

It was voted to hold the annual election in October hereafter.—Report by Mrs. Clark Higgins, sec.

GOAT SHOW WILL BE RESUMED AT LORAIN CO. (O.) FAIR

The North Central Ohio Goat Breeders Assn. met May 6 at the home of Mr. and Mrs. Leo Heimberger, Sullivan. It was voted to again sponsor a goat show at the Lorain County Fair. For two years there has been no show at this fair.

A member donated \$23 to the association, derived from the sale of surplus buck kids.—Report by Ethel Earl, sec.

MISSOURI GROUP HOLDS KID AND GOAT SHOW

The eleventh annual kid and goat show of the Missouri Milk Goat Breeders Assn. was held in Columbia on May 27, with 84 entries. Purl Skaggs judged the show, with Jess Turner as superintendent, Charles W. Turner, show ring superintendent, and Albert Bommer and Brock Tiller comprising the committee. The award for the largest number of entries went to Mr. and Mrs. Albert Bommer.—Report by Mrs. Mary Shanks, sec., Columbia, Mo.

Classified ADS

Breeders' Rates: 7c a word for single insertion; 6 consecutive insertions of same ad, ordered in advance, for the price of 5; 12 such insertions at cost of 8. Minimum \$1 an insertion. Count all initials, numbers and abbreviations as words.

Commercial Rates: 15c a word, minimum 20 words, same discounts as above.

Copy for classified ads must reach Dairy Goat Journal before the 5th of the month preceding date of publication (April 5 for May issue, and so on). If possible send ads earlier so that you may receive acknowledgments for possible correction before date that date. Ads arriving after closing date appear in next available issue.

References: All new advertisers must furnish at least one bank and one business reference—ads will not be published until such references are thoroughly checked (you will save time by submitting written statements from references with your ad order).

Cash in full must accompany order. If you are not certain as to the cost of your ad, write it out and send it to Dairy Goat Journal, and we will bill you for it in advance.

1950		JULY					1950	
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30	31							

Remember July 5—the last day for your advertisement to reach Dairy Goat Journal for insertion in the August issue.

AT STUD

NUBIANS

CHANEL of Scotchman's Folly N-9540, Sire, "B Chikaming Golden Phoenix N87699; dam, Beverly's Maude N-6693. Purebred \$10, grades \$5. Sheldon W. McIntosh, Long Hill Rd., Little Falls, N. J.

SAANENS

ROYAL LAD of Echo Herd S-9107. Stock for sale. E. Barber, Rt. 3, Box 403, Chelais, Wash.

SEVERAL BREEDS

BREED NOW for winter milkers! Breeding guaranteed or return service free. Our breeding system has proved 80% successful. Does bred to bucks of your preferred breed—vigorous junior herd sires. \$25 fee includes services and 6-weeks board of doe. We meet train at Ayer, Mass.; owner pays transportation, but we can supply crate free, owner paying for transportation. If information on specific bloodlines is wanted—write us. Vitamilk Dairy, Prospect Hill Road, Harvard, Mass.

FRENCH ALPINES

I AM selling all my high grade French Alpines from 3/4 up to only 1/32 off, from such sires as St. Vrain Del Norte, one of Pierre's best sons, and Colonel of Bear Mountain. There are no better sires. Priced according to age and production. No crating as all are milking. Mrs. Stella N. Randall, Rt. 4, Longmont, Colo.

FRENCH ALPINE grades and purebreds. Most of them registered. Rio Linda and Mountain Home bloodlines. Excellent producers and good udders. Wilbur W. Whitson, 1267 Fulton St., Vallejo, Calif. Member American Milk Goat Record Assn. Will deliver up to 150 miles.

REGISTERED PUREBRED French Alpine doe kids and bucks out of 2,000 to 3,000 lb. stock. Thomas H. Kent, 908 N. 40th Ave., Phoenix, Ariz.

YEARLING bucks and kid bucks sired by Sir Blue Boy Macalpine and Quink Macalpine. Reasonable. Roy Schroeder, Rt. 1, Box 187, Riverside, Calif.

WANT FRENCH Alpine buck kid from 6 qt. milkers? Send for information and picture. F. Long, Rt. 3, Mena, Ark.

NUBIANS

SACRIFICE reduction sale of registered Nubians from the reliable prize winning herd of Lewis Perry. 3 year doe, spring freshened, \$30; 3 year doe, heavier milker, \$40; 3 year buck, \$30; 1 year buck, \$30; 3 month buck, \$20. Blood tested. Safe arrival guaranteed. Details and pictures on request. Member AGS. C. S. Hooper, Central Square, N. Y.

WARNING: Breeding season rapidly approaching. Be prepared with this mature registered Nubian buck, 6 years old, healthy, vigorous and gentle. Priced at \$75. FOB, El Paso. Also 1 buck kid at \$35; 3 doe kids at \$40 each; 1 Nubian doe kid, \$15. Murrell Malone, 353 McCune Drive, El Paso, Tex.

APEX NUBIANS: 1949 spring bucks, ready for light service. Excellent type. Brutus Oakwood and Chikaming breeding back of them, all hornless. Bred and open doelings, same breeding. 1950 buck and doe kids, same breeding. Write for pictures and prices. H. W. Butler, Lewis, Kans.

FOUR WINDS Nubians, registered grades and purebreds. At stud: Maple Lodge Prince Hassan N92117. Fees: Purebred, \$10; grades, \$5. Mr. and Mrs. Madison Sayles, Four Winds Farm, Chestnut Hill Rd., Norwalk, Conn. Phone Norwalk 6-2098.

THE ORISKA Nubians: Young milking does and yearlings. Daughters Schoharie Hill Crispin Leland. From long lactation does. One exceptionally fine young buck. Summer address: Vernan James, Steuben Valley Rd., Holland Patent, N. Y.

CAPE MAY NUBIANS: Quality stock for sale, purebred, registered. Bucks at stud. Linebred within the following bloodlines: Shirley Rona, Lartius, Jr., Harlow, Horus, Malpas Meridew, Malpas Ambassador, Elizabeth Buch, Californ, N. J.

TWENTY registered Nubian does; also kids, Oakwood, Ambassador, Wheelbarrow Hill bloodlines. Paul Peter Presson, East Prairie, Mo.

CAMPFIRE Christy's sturdy superb producers pay dividends. Doelings, milkers, kids. Reasonable. Herron's Motel, Hazel Creek, Calif.

PLAINVIEW NUBIANS. Kids sired by son of Imp. Budletta Brutus AN-1021, pure. Plainview Nubian Goat Dairy, Bareville, Pa.

OAKWOOD NUBIANS for vigor, long lactation, show type. Good udders and production. Reasonable. Mrs. V. E. Thompson, Colfax, Calif.

HORNLESS, yearling buck. Grandson of Budletta Brutus. Kids sired by star buck, Mary Rice, Rt. 3, Folsom, Hammon-ton, N. J.

REGISTERED twin bucks born May 4. Dam milking 9 lbs. Chikaming sire. Pictures, details on request. Ralph E. Bass, Fredericksburg, Va.

CROFTMER PUREBRED does. Black, handsome, July freshening. \$50 to \$70. Walter Marshall, Searsport, Me.

RUSS NUBIANS: Purebred, registered stock for sale. George A. Russ, Rt. 1, Truckee, Pa.

REGISTERED SPRING kids. Sunburst, Chikaming, Jilka lineage. Priced reasonable. E. A. Rush, Elgin, Oreg.

PUREBRED registered Nubian does, buck and doe kids priced to sell. Dr. J. H. Cain, Box 494, Fairfax, Okla.

3 REGISTERED Nubian does, 15 months old. Chikaming and Malpas strain. Bargain. Mrs. Austin, Box 1108, Auburn, Ala.

MILKERS, doe kids, also bucks. Cannot ship milking does. Chippewa Herd, Elm Grove, W. Va.

PUREBRED REGISTERED Nubians. Reed P. Notter, Rt. 3, Terre Haute, Ind.

SAANENS

DO NOT WRITE—but come and see the 3 hornless Saanen does (born April 1949) that I am selling at a bargain to the right person. We are leaving on a long trip to the Orient and will only keep our milking stock. Please come in person—don't write—but act soon. Alfred Conyes, Croton Dam Rd., Ossining, N. Y.

ONE LARGE Saanen buck 4 months old, hornless, white. His great-grandfather is imported Moonlarch Endymion S-7673. This 4 months buck's parents are sire, Highland Judge S-9382; dam, Lucy Lu S-8273, a real producer. If taken now \$25 FOB Centralia. Emil Buehler, West 10, Centralia, Ill.

WILD HILLS offers reasonably priced for quick sale, fine son of Plink's Ma Rebecca AR 897. Also 2 grandsons of AR does and 3 beautiful doe kids with AR backgrounds. All white, hornless, mostly short-haired. Write for information. Dairy's Goat Dairy, Rt. 1, Newark, O.

RIO LINDA Saanens—bucks and does, sired by linebred son of Rio Linda Dona Marcelina. 3 AR records total 10,299.5 lbs. milk, 415.642 lbs. fat in 3 years. Kids and yearlings. Priced at \$50 and \$65. N. S. Goodridge, Rt. 2, Box 350, Auburn, Calif.

INSPIRATION HERD Saanens. Purebred 1950 kids from efficient producers. Herd sire is "B Lactation Nick, a grandson of Rio Linda Dona Marcelina. Some mature stock also offered. Full details given promptly. Wayne Cobell, Long Prairie, Minn.

PUREBRED SAANENS bucks. One 21 months old, fertile, \$45. 1 yearling, 2 July 1949 kids, \$40 each, white, hornless. 1 horned kid, \$25. Dams 5 to 10 qt. milkers, long lactation. Milk. Echo Supreme lines. Mrs. Jeff Wolfe, Rt. 1, Winlaw, Ark.

WASATCH SAANENS. Doe kids from AR dams. Buck kids for herd sires include a son and grandson of our world record doe, Rio Linda Dona Marcelina. Choice guaranteed stock. Glen Daley, Grand Junction, Colo.

VALLEY VIEW Saanens, world record bloodlines, high production. Kids sired by Sennruti Endymion's New Era S-8619, son of imported Moonlarch Endymion. High producing dams. Write for prices. J. O. Johnson, Holland, Tex.

BUCK SURED by Prince from 8 qt. dam. Dam gives 6 1/2 qts. milk, has blue ribbon can breed by September. Doe and buck kid born in June, sired by Rio Roger, Dona Marcelina's grandson. Edith Isaacs, Huntington, Ark.

BEE-RIDGE BOUNTIFULLY BLESSED! Our abundance, your opportunity! 6 to 10 lbs. does; doelings; hornless buckling from 14 lb. doe. Proved, hornless, mature buck. Theoline Bee, Rt. 4, Greencastle, Ind.

REGISTERED PUREBRED Saanens. Supreme bloodlines. Kids now ready, reasonable. Does with or without kids, papers, 5 and 6 generations. Lillian Hartigan, North Hampton, N. H.

YOUNG Advanced Registry does, fresh. \$200. Their naturally hornless kids, \$100. Long lactation, healthy, very gentle, well fed. 7 qt. production. Wm. Hughes Klein, 2499 NW 82 St., Miami, Fla. Phone 7-2992.

PUREBRED SAANENS. Garden Spot best bloodlines. Sired by Mount Joy Pluto, son of Moonlarch Endymion, imported. Kids \$20 up. Elmer G. Martin, Rt. 5, Lancaster, Pa.

REGISTERED SAANEN, 3-year-old, naturally hornless, proved buck, from good milk producing stock. 15 Sunrulope breeding; 2 grade does. Neil Walters, Sarver, Pa.

DOUBLE H RANCH Saanen kids. All come from the finest of stock. Harlan and Helen Mumma, B. F. Star Rt., Box 49, Eagle Point, Oreg.

TWO PUREBRED Saanen bucks. Underwald line. One 2 years old, \$75. Other 1 year, \$50. Both are fine vigorous herd sires. Wyndover Farm, LaGrangeville, N. Y.

1950 buck and some doe kids from AR star milkers, and mature stock. Sired by Peter Bell, three-time champion. Ezzeia Wade, Baltic Conn.

TWO PUREBRED and registered Saanens. Reserves cannot be shipped. 18 qts. a day, \$150. Will milk year around. Roy H. Brown, 130 E. Grand, Tower City, Pa.

SAANEN DAIRY goats, registered and graded. Doelings from good milkers, will ship. Dr. Frank W. Shaffer, Salina, Kans.

QUALITY STOCK available from Echo and Three Oaks foundations. Allan Rogers, Rt. 2, Laurel, Md.

FRESH GRADE Saanen doelings and doe kids by purebred sire. Priced low. Byrl Jenkins, P. O. Box 127, Bedford, Ind.

FOR SALE: Purebred Saanen does, doe kid, doelings. For details write Shirley Waite, Rt. 3, Pottsville, Pa.

SUNNYSLOPE BREEDING. Young doe and doe kid. Halle Reeder, 4661 Clintonville Rd., Pontiac, Mich.

FOR SALE: One white Saanen buck which is registered purebred, and is 1½ years old. George H. Payne, Mexico, Mo.

"My ad is paid for 6 months in advance, but I have already sold all I can spare so would like to cancel the remaining 3 months. Hold the balance for my next ad."—Wayne Cobell, Long Prairie, Minn.

TOGGENBURGS

FOR SALE: More than 20 selected Toggenburg does; naturally hornless, fine udders, good tests. Does are of first, second and third kidding. From does of 4 to 6 qts. at 3 years of age. Background of more than 20 years breeding to naturally hornless, registered Toggenburg bucks for production, long time milkers. Prices reasonable. Mrs. Ivan H. Russell, Hardy, Ark.

SEVERAL PUREBRED fresh young does. Milking extra good from real heavy milkers. Chikaming and Cloverleaf breeding. Also few doe kids from these does. 3 months old; one buck kid, 2 months old. Sire, Croy's Creek Skipper. Sell one or all. Priced reasonable. Charles P. Wagoner, Bartersville, Ky.

FOR QUICK SALE, \$35 takes my buck, Cloverleaf Rosetta's Misty. Hornless, born 1948, sure breeder, or will trade for doeling. Also for sale, several buck kids by above buck. Charles Mesmer, Dodson, Mont.

TOGGENBURG PICTURE. Printed in full color on high quality paper. Size 6x9. Suitable for frames or 25¢ postpaid. Dairy Goat Journal, Columbia, Mo.

ZYNODDA TOGGENBURGS: Bred does, doe and buck kids from AR does. Few good grades. Place orders now. Carl M. Showalter, Woodstock, Va.

FOR SALE: Year old registered Toggenburg buck. Also grade doe and three kids 2 months old. Cheap to close out. Mrs. Faye Holtzclaw, Larchwood, Iowa.

FOR SALE: Registered Toggenburg herd sire, milkers, yearlings, kids. Garold Wellman, P. O. Box 585, Battle Creek, Mich. Phone 26-7841.

PUREBRED TOGGENBURG doe and buck kids. Sire, Open Heart Dewey T83752. Priced \$30. K. P. Grandy, Rt. 2, Hillsboro, O.

TX DAIRY GOAT RANCH: Offering purebred Toggenburgs exclusively Dr. Wolf, Carthage, Mo.

QUIGLEY'S TOGGENBURGS, bred in the purple. Nothing but the best. E. J. Quigley, Rt. 1, Kaw, Okla.

CLOSING OUT my entire herd. All registered mature stock and kids. Mrs. C. Luttenberg, Rt. 2, Quincy, Ill.

SUPERDUCTION HERD: 1950 buck kids, bucks at stud. Dr. J. L. Cornelius, Edina, Mo.

PUREBRED TOGGENBURGS—exclusive with quality, type, production. Does, kids. Vantrump's Goat Farm, Carrollton, Mo.

WANT BUCK kid from 7 qt. milkers? Send for information and picture. F. Long, Rt. 3, Mens, Ark.

PUREBRED MILKING does and kids. Prices reasonable. Charles Harris, 11178 Sutherland Rd., Milford, Mich.

FEW DOE and buck kids left. Dams on test. Cloverleaf Goat Dairy, Janesville, Wis.

FOR SALE: Several very nice Toggenburg dairy goats. Jack Hopeworth, Middlebush Rd., Wappingers Falls, N. Y.

SEVERAL BREEDS

4-H KIDS! Each month we have several doe kids of finest breeding, some cross-bred, some purebred, from does mated strictly for our milking herd and hence sires of kids may not be known, although breed is We reserve such kids for 4-H, FFA and similar boys and girls at reasonable cost. Vitamile Dairy, Prospect Hill Road, Harvard, Mass.

PRIDE of Oregon. Purebred Nubians, Toggenburgs, French Alpines. Order now. Spring kids from one of America's finest show herds. Robert Casbeer, 14725 Southeast Powell, Portland 66, Oreg.

REGISTERED purebred Saanens, Toggenburgs, Nubians. Bucks, does, 1950 kids. Choice stock. Reasonable prices. Louis L. Cakle, Rt. 1, Ontario, Calif.

FOR SALE: Purebred Saanen and Rock Alpine kids, yearlings, does and bucks. Prices reasonable. Willard Bankes, Nescopeck, Pa.

ECHO HERD KIDS for sale. Sire, Panama Sigfried. Bred by Mr. and Mrs. Sparks, well known former owners of Echo Herd. H. L. Pickens, Ridgecrest, Calif.

FOR SALE: Park Land's purebred 1950 kid crop. Prices within reason. Mrs. Lawrence Clark, Kootenai, Idaho.

FOR SALE: Purebred kids. Yearly does priced to sell. Ten Acre Goat Farm, Rt. 3, Row Rd., Shippensburg, Pa.

GOAT BREEDERS SOCIETIES

ILLINOIS MILK GOAT BREEDERS ASSOCIATION: representing 4 breeds. Mrs. Helen Wells, sec., 1508 Homewood, Springfield, Ill.

CENTRAL NEW YORK Dairy Goat Society members offer stock for sale, all breeds. Write for list. Membership \$1.00 per year. Earl Harris, sec., Fabius, N. Y.

SEND FOR Buyer's Guide. Officially scored and tested stock. Kansas Dairy Goat Society, Augusta, Kans.

GOAT SUPPLIES

NU-IDEA goat collars. Designed especially for goats in three sizes. Heavy Dee tie ring located ahead of buckle end of strap, feet and clear of loose strap ends. Finest harness leather, heavy Japan-finish buckles, heavy welded Dee. Also halters. Send postal for information and prices. Jim Dandy Collar Co., Bradford 5, Ill.

GOATS wormy? Try Edgthil Farms Goni Formula W. No starving, no drenching. Teaspoonful in the feed once each week. \$1 quarter lb.; \$1 lb. Formula M, an organic tonic, puts and keeps them in fine condition and increases milk flow. \$1.25 lb. prepaid. Fred B. Keifer, Marshall, Ill.

STOP teat-sucking. Apply harmless, effective No-Teat-Suk. Guaranteed. Send \$1 for ounce bottle. Sanidnet Co., Inc., 7512 S. Greenwood Ave., Chicago 19, Ill.

BUCK and doe halters, \$1.50. Anti-bleat: ora, \$1.00. Kickers, \$2.00. Collars, \$1.00. Bailey Mfg. Co., Orrick, Mo.

DAIRY-VAC for cleaning animals. Write for folder. Dairy-Vac, Plymouth, Wis.

GOAT DAIRIES FOR SALE

FULLY EQUIPPED goat dairy: Includes 60 dairy goats, young stock, well established milk route, horse trailer, good net living wage, 58 acres land; large basement barn, 6-room house, new milk plant, garage and other buildings. Dean's Goat Dairy at Princeton, Rt. 6, New Castle, Pa.

ESTABLISHED goat milk dairy, complete in every detail, including pasteurizing plant, located in sunny Florida in city with quarter of a million population. Opportunity to own a good going business and live in the land of sunshine. Box MAT, c/o Dairy Goat Journal, Columbia, Mo.

FOR SALE: Many-Springs Ranch, goat dairy established. Near markets. Opportunity for future beef and dairy business, rest home or resort. Box 74, Gordonville, Va.

WANTED

WANTED: Horned, serviceable production kid buck. I have grade kids to sell. Wagner, Phillips, Texas.

EXCHANGE

WANTED: Alpine goats only. Gallon milkers. In exchange for McCormick one-horse mower, almost new. Fred Beck, Stanhope, N. J.

HELP WANTED

HELP WANTED: Profit share basis Goat dairy established, general farm and other opportunities. Box 74, Gordonville, Va.

WOMEN earn money at home. Sew our ready cut "Rap-A-Round." Easy, profitable. Hollywood Mfg. Co., Dept. 777, Hollywood 46, Calif.

DOGS

SHETLAND SHEEP DOGS (Miniature Collies), Puppies reasonable. Personality plus. Nashcrest Kennels, Rt. 130, Katonah, New York.

RABBITS

A HEALTH-building, money-making hobby or full time occupation. Raise Angora rabbits. Send for price list. Karth's Angora Farm, 1060 W. Co. Rd., E. St. Paul 8, Minn.

NEW ZEALAND white rabbits. Excellent breeding stock. Ringland Rabbitry, 1726 36th, Des Moines 16D, Iowa.

MISCELLANEOUS LIVESTOCK

GOLDEN HAMSTERS, Glendora beauties, from Glendora Hamstery. Wonderful affectionate pets. Profitable, memo. Milton Woodworth, owner, 217 E. Leadora Avenue, Glendora, Calif.

FOR SALE: Cavies, guinea pigs. Healthy, raised in the sunshine. Rothhammer Farm, Melrose, Fla.

HAMSTERS—nice breeding age—trios \$2.50. Meredith Carroll, Rockville, Mo.

HORSE TRAINING

HOW TO BREAK AND TRAIN HORSES —A book every farmer and horseman should have. It is free, no obligation. Simply address Beery School of Horsemanship, Dept. 729, Pleasant Hill, Ohio.

REAL ESTATE

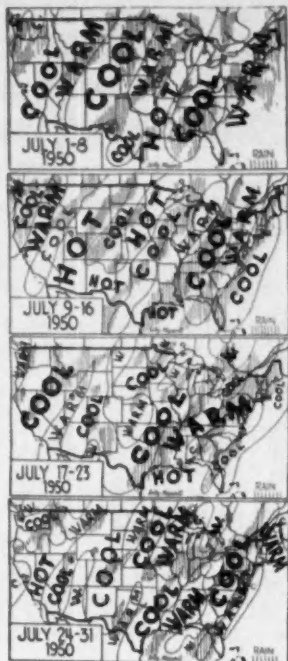
OREGON—Write the Kingwell Agency for Farm Catalogue. 135 South Second, Corvallis, Oregon.

BOOKS AND MAGAZINES

BACK COPIES of Dairy Goat Journal. Old issues—some high into antique—are available. Not full files, not necessarily consecutive issues, but just a miscellaneous group, some dating back over 15 years. While they last we offer a miscellaneous package (our selection) of 10 copies for 50¢ postpaid. Dairy Goat Journal, Columbia, Mo.

MISCELLANEOUS

ELECTRIC farm welders, 200 ampere D.C. generators for electric welding, \$13 each. Free information. Lewis Short, Burlington, Kans.



JULY WEATHER

By PROF. SELBY MAXWELL

July 1-8. After last week's cold weather New England and the northern seaboard states will have warmer but rainier weather. The central Gulf states and north through Ohio and Indiana will have cooler weather with rain in the southern area. The central plain states will have warm weather with the rains concentrated in the northern and upper Great Lakes area. Western plain states will be cool with rain in the eastern portion. The northwest is cool and rainy.

July 9-16. This week will be generally rainy throughout the whole country. It will be hot from the Mississippi Valley west with slightly cooler temperatures from the upper Great Lakes southward through central Texas. Another cool air mass will lower temperatures from eastern Dakotas south into Colorado. This same cool air extends into northern Montana, Idaho and southern California, and, also into the northwest region of the country.

July 17-23. From the Gulf Coast and east of the Mississippi to New England it will be warm and rainy. New England will be cooler and rainy. West of the Mississippi it will be cooler with rain in the northern plain states. Montana and Idaho and into central California. Coastal Washington and Oregon will be warmer with some rain. Kansas, eastern Colorado, southern Nebraska, eastern Wyoming and western North Dakota will be warmer.

July 24-31. The great plain states westward will be cooler this week and fairly dry. The northwestern part of the country will also be cool but with some rain. A warm air mass extends from the Los Angeles coast of California northeastward into southern Idaho and central and western Montana. It will be warm along the Atlantic coast with rainy weather except coastal New England. It will be cool and rainy around the Great Lakes and the Appalachian range into Vermont. The central Gulf states will be warm and wet.

Free Mail Offer

Many people expect the world to enter into a period of depression rather soon now. Just how bad will the next depression be? Nobody knows for sure, but Professor Selby Maxwell, who thinks that depressions are closely related to world weather, has issued a chart of world weather for the next fifty years. If you want a copy, just send your request to Professor Selby Maxwell, in care of this publication, enclosing a STAMPED, SELF-ADDRESSED ENVELOPE for your reply.

The FIFTH Edition

AIDS

to

GOATKEEPING

For Better Goatkeeping

• By Corl A. Leach
Editor of Dairy Goat Journal

THIS IS the book that answers your problems in goatkeeping. It has been the standard reference for many years, the largest selling book on dairy goats. It's thoroughly tested, tried and proved! It will be a constant source of help to you. It will help you to do a better job of caring for your goats.

What breed of goats should I buy?

Turn to page 9 of *Aids to Goatkeeping*—a whole chapter discusses this.

What are those appendages on the neck of some goats?

A chart on page 23 shows all the parts of the goat.

My doe's milk has blood in it!

Don't worry! *Aids to Goatkeeping* discusses this on page 99.

What is a grade goat?

This answer is on page 47 of *Aids to Goatkeeping*. All systems of breeding are discussed in this chapter.

Are goats hard to fence, and what is the best fence for them?

Fencing problems are discussed on page 34 of *Aids to Goatkeeping*.

How are milk records kept for goats?

Production records is the title of a whole chapter of *Aids to Goatkeeping*, starting on page 83.

What shall I look for when I buy a goat?

Suggestions, helps, and warnings make up a whole chapter on this subject, starting on page 17.

YES, questions like these, and hundreds more, come up in goatkeeping every day. Some of them can cost you a lot of money, too, if you don't have the answers when you need them.

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| 1. Foreword | 8. Care of the Dry Doe | 16. Udder Troubles |
| 2. Pre-Goatkeeping Suggestions | 9. Care of Freshening Doe | 17. Ailments |
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Dairy Goat Husbandry and Disease Control

By C. E. Leach

Doctor Leach, publisher of Dairy Goat Journal, and a veteran of more than a third century of goatkeeping, has been assisted by Dr. Carl Hulen, former Deputy State Veterinarian of Missouri, and Dr. Arthur A. Case, director of the Veterinary Clinic of the University of Missouri's School of Veterinary Medicine, in preparing this invaluable book.

Here, for the first time, is a book that not only gives the fundamentals of goat husbandry, but goes into the problems of the care and treatment of the goat in times of ill-health—and, even more importantly, how to avoid disease and sickness in the herd.

This book will be ready for distribution in the fall of 1950. Advance orders are now being accepted for mailing as soon as the book is published (publication date will be announced later in Dairy Goat Journal).

If you want to be sure to get one of the first copies of this book, send your order in today . . . Price \$3.50 postpaid.

DAIRY GOAT JOURNAL, Columbia, Missouri

CONCLUSIONS

BY C. E. LEACH

Our youth is America's destiny. We can and must train enough boys and girls in the fundamentals of right living that they will be able to make this nation the firm foundation of the world as our forefathers planned.

Teach youth the value and joy of earning and it will not go far astray. Interest it in trees, flowers, birds, geology and all nature for its recreation. Interest it in producing from the soil, be it gardening, farming, livestock or bees, for a joyous, healthful livelihood.

No one is truly healthy who is not healthy in mind as well as body. Interest a boy or girl in dairy goats for all around health. Dairy goats are probably the most adaptable of all animals as a project for children and young folks.

—CONCLUSIONS—

The best way to get the public's hands out of the U. S. Treasury is to teach our children the value and satisfaction of earning their own living. Get them interested in 4-H work.

—CONCLUSIONS—

A judge has said, "There is no juvenile delinquency. It is all adult delinquency." As long as we have so many people trying to live at government expense, always with a hand stretched out in a "gimme attitude" and with an attitude of "the government owes it to me" or "others are getting theirs so why not me" so long will our youth grow up with similar demands.

Maybe we oldsters should start now to setting a better example to our youth. Get out on a few acres, put on some work clothes and go to work and earn an honest dollar. You say you cannot do it? I've seen enough comfortable incomes from small dairies to convince me that the one who has his backbone in its proper place can do it. If you wait till everything is in your favor and just as you want it, you will never start. Wishful thinking won't get you started. Determination is the thing needed.

—CONCLUSIONS—

"If you have a goat Dr. L. Dudley Stamp, noted British geographer, is out to get it.

"In a lecture at Indiana University today he said that among the habits or customs which might well be abolished in the world is the keeping of goats.

"He says this of the goat:

"The goat is the most destructive animal nature ever evolved, and the fact that it can be kept on the poorest vegetation and at least yields something in the way of milk and meat is offset by its destructiveness of all vegetation."—Clipped from the World Telephone, Bloomington, Ind.

A short time ago we published a somewhat similar view put out in Chile. I presume Dr. Stamp recommends getting rid of boys for they are rather destructive when not kept under control. I live in a university town and we have had instructors with doctor degrees that were very destructive of moral principles, Christian thinking and national loyalty, and they are supposed to be under certain control. Would he have us do away with all educators?

If Dr. Stamp will investigate he will learn that dairy goats have meant much to his own people of England.

—CONCLUSIONS—

I wonder if the dairy goat industry will grow as it should until we value it sufficiently that we will take time from our week-day duties to attend meetings or put on goat shows without desecrating Sundays for them. For some, dairy goats are a hobby, for some a means of recreation and health, for some a family milk supply and for some a busi-

ness. It is these last named that we must look to for the substantial and permanent growth of the industry.

—CONCLUSIONS—

"Dr. Zaiss of Heidelberg considers honey in the treatment of wounds superior to all other ointments. He has treated several thousand cases of severe infections with honey and could not report a single failure. He prefers honey even to tincture of iodine. He dresses the wounds with strips of gauze dipped in honey and finds the wounds perfectly clean in 24 hours."—Dr. Bodog F. Beck in "Honey and Your Health." Clipped from *Gleanings in Bee Culture*.

—CONCLUSIONS—

I have no desire to be critical except to help in future events. I believe I can serve better when I visit shows, dairies or just goat pens if I look for the undesirable conditions as well as for the better ones.

I just came from a show of some of the best goats in these central states. At no exhibit did I see a sign of ownership. There was no bulletin board with educational matter mounted on it. I saw nothing to inform a stranger about the value of their milk, or any reason why one should keep goats.

In this case it did not matter as there were practically no visitors. Notice of the show had not been given to *Dairy Goat Journal* in time to give the show proper publicity. There was only a minor mention of the show in the local paper. (I'll wager there will be much more publicity after the show telling who won the ribbons!)

Shows are the best show windows we have. Let's dress them up with good signs and information then invite the public out in a way that the people will realize it is worth their time to call.

—CONCLUSIONS—

At a recent convention a minister remarked that he was looking for a wife. I suggested there were many wives there from which to select. His quick retort was, "If I don't get the right one I'll have to break in another mother-in-law."

—CONCLUSIONS—

"How many of you livestock breeders belong to a Kiwanis, Rotary or Lions Club? Or have been their guest on Farmers' Day? These service club members all seem eager to know something about agriculture and willing to help—if you show the individual member where he can get a hand hold. 4-H Club work is one place. Let any city businessman

become a Big Brother to a Little Farmer—sign up as a real partner to some child, buy him a calf, pig or lamb, call on him at the barn at least once a month, help work out the feeding schedule, swipe at the show—grow with the kid and his Club project. There are a million active service club members in America. If every one would become a Big Brother to a Little Farmer we could almost double 4-H Club work in this country."—Editorial by Sam Guard in *Breeders Gazette*.

Sam is slipping. He is a friend of dairy goats but failed to mention them in this editorial. Mr. Guard's suggestions are worthy of more than passing interest. Dairy goats are probably more adaptable to the program suggested than any animals mentioned.

—CONCLUSIONS—

"Where there is no vision the people perish."—Solomon.

—CONCLUSIONS—

I went on a farm tour to observe the results of commercial fertilizers for growing a mixture of timothy and clover. Only by seeing the results can one appreciate the value of fertilizing. Clover and timothy were knee high and adjoining land that had no fertilizer was nearly barren. One farmer reported a gross income of less than \$10 per acre before he fertilizes. After he spent \$40 per acre for labor and fertilizer his gross receipts were \$91 per acre and the second year with no extra expense his gross was about the same.

My choice of fertilizer is compost in so far as available but this clover and timothy, chemically fertilized, looked like a lot of good milk and meat in the making.

—CONCLUSIONS—

American per capita consumption of liquor is greatest in Washington, D. C.—reported to be 27 gallons. It is a terrible judgment against a civilized people to admit that they will buy more health destroying drinks than they will a healthful drink like goat milk.

—CONCLUSIONS—

No market for goats? I know a man now trying to purchase 250 head of dairy goats. He is not hunting for show stock nor registry papers. He would be very happy if they would average near 1500 lbs. in their normal lactation period. If this project matures he will soon be in the market for another 250, but up to now he has been able to find only a few that he believes will be profitable in a dairy.

BARNUM WAS RIGHT!

(But don't YOU be one)

A FEW FACTS:

AMGRA is the original, authentic registry for dairy goats, with records dating back to original importations.

AMGRA has not consolidated or amalgamated with any other organization.

Dr. Stanley G. Bandeen is now a Director from District 3, succeeding Mrs. Marion T. Edwards whose resignation has been accepted.

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Milk house equipment; 1950 Dodge refrigerator truck. Large 7-room house, barn and milk house. 9 acres. Or will sell goats, equipment and business, and lease farm.

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